SCORE OVER LENGTH SEARCHES

Attached is a score over length search. This search was developed to overcome limitations in most standard search systems which favor large sequences with high scoring, but lesser overall identity over smaller sequences with higher overall identity. This search is especially useful for relatively small nucleic acid or polypeptide target sequences (antisense, fragments, probes, primers, RNAi, epitopes, haptens, etc.) claimed functionally via a form of hybridization and/or identity language and having defined upper and lower polynucleotide and or polypeptide length limits.

The score over length search is performed by first running the query sequence using examiner-specified identity and polynucleotide or protein length limit parameters, and saving 65,000 hits and 0 alignments from each desired database. The resulting output is reformatted using a Microsoft Word macro and is imported into Excel. The summary table data are then sorted by the ratio of score of each hit sequence divided by its length and the accession numbers for all hits below the examiner's desired score over length parameters are deleted. The remaining accession numbers are used to pull the corresponding sequences from the databases into subdatabases enriched for good hits and the query sequence is re-run against these subdatabases to yield the final results.

The score over length cutoff for this search is $\frac{70\%}{100}$.

Examiner Please Note: This cover sheet should be included when submitting results to be scanned.

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.4 1.0 17 1 US-08- .4 1.0 17 1 US-08- .4 1.0 17 1 US-08- .4 1.0 17 1 US-08- .4 1.0 17 1 US-08-	.4 1.0 15 1 US-09- .4 1.0 15 1 US-09- .4 1.0 15 1 US-09- .4 1.0 17 1 US-08- .4 1.0 17 1 US-08-	13.4 1.0 15 1 US-09- 13.4 1.0 15 1 US-09- 13.4 1.0 15 1 US-09-	85 13.4 1.0 15 1 US-09- 86 13.4 1.0 15 1 US-09- 87 13.4 1.0 15 1 US-09-	83 13.4 1.0 15 1 US-08- 84 13.4 1.0 15 1 US-08-	81 13.4 1.0 15 1 US-08- 82 13.4 1.0 15 1 US-08-	79 13.4 1.0 15 1 US-08- 80 13.4 1.0 15 1 US-08-	77 13.4 1.0 15 1 US-08-292-620A-36 78 13.4 1.0 15 1 US-08-292-620A-36	75 13.4 1.0 15 1 US-08-76 13.4 1.0 15 1 US-08-	74 13.4 1.0 15 1 US-08-292-620A-36	72 13.6 1.0 24 1 US-09-721+154-1	70 13.6 1.0 20 1 US-08-71 13.6 1.0 20 1 US-09-	69 13.6 1.0 20 1 US-09-	67 13.8 1.0 20 1 US-09-687+246B-7	365 13.8 1.0 19 1 US-09-696-791-643	363 13.8 1.0 19 1 US-09-	361 13.8 1.0 18 1 US-09- 362 13.8 1.0 19 1 US-08-	59 13.8 1.0 18 1 US-09-60 13.8 1.0 18 1 US-09-	57 13.8 1.0 18 1 US-08- 58 13.8 1.0 18 1 US-08-	56 13.8 1.0 18 1 US-09-	54 13.8 1.0 18 1 US-08-	52 13.8 1.0 18 1 US-08-53 13.8 1.0 18 1 US-09-	50 13.8 1.0 18 1 US-09-	49 13.8 1.0 17 1 PCT-US95-06379-33	47 13.8 1.0 17 1 US-09-866-108A-227	346 13.8 1.0 17 1 US-09-371-772B-559	44 13.8 1.0 17 1 US-09-371-772B-36	43 13.8 1.0 17 1 US-09-371-772B-107	341 13.8 1.0 17 1 US-09-371-7728-73	339 13.8 1.0 17 1 US-09-726-096A-5 340 13.8 1.0 17 1 US-09-371-772B-73	338 13.8 1.0 17 1 US-09-	336 13.8 1.0 17 1 US-08-584-040-782 337 13.8 1.0 17 1 US-08-679-645-62	334 13.8 1.0 1/ 1 US-08-	333 13.8 1.0 17 1 US-08-584-040-219	331 13.8 1.0 17 1 US-09-430-323-132 332 13.8 1.0 17 1 US-08-584-040-218	330 13.8 1.0 1/ 1 US-08-	327 13.8 1.0 17 1 US-08- 328 13.8 1.0 17 1 US-08- 328 13.8 1.0 17 1 US-08-	6 13 8 1 0 17 1 175-08-

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538 13 0 0 1 5 4 1 1 3 0 0 1 1 1 3 0 0 1 1 1 3 0 0 1 1 1 3 0 0 1 1 1 3 0 0 1 1 1 3 0 0 1 1 1 3 0 0	532 13.2 0.9 21 533 13 0.9 13 534 13 0.9 14 536 13 0.9 14	528 13.2 0.9 20 529 13.2 0.9 21 530 13.2 0.9 21 531 13.2 0.9 21	13.2 0.9 20 13.2 0.9 20 13.2 0.9 20	13.2 0.9 20	13.2 0.9 20 13.2 0.9 20	518 13.2 0.9 18 519 13.2 0.9 19	516 13.2 0.9 18 517 13.2 0.9 18	514 13.2 0.9 18	511 13.2 0.9 18 512 13.2 0.9 18	509 13.2 0.9 18 510 13.2 0.9 18	506 13.2 0.9 18 507 13.2 0.9 18 508 13.2 0.9 18	504 13.2 0.9 18 505 13.2 0.9 18	501 13.2 0.9 18 502 13.2 0.9 18 503 13.2 0.9 18	499 13.2 0.9 18 500 13.2 0.9 18	13.2 0.9 18 13.2 0.9 18	13.2 0.9 18	93 13.2 0.9 18	91 13.2 0.9 18	488 13.2 0.9 18 489 13.2 0.9 18	487 13.2 0.9 18	485 13.2 0.9 18	483 13.2 0.9 18 484 13.2 0.9 18	1 13.2 0.9 18 2 13.2 0.9 18	0 13.2 0.9 18	8 13.2 0.9 18	476 13.4 1.0 19 477 13.4 1.0 19	472 13.4 1.0 473 13.4 1.0 474 13.4 1.0 475 13.4 1.0
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RESULT 1
US-08-591-632-10/c
Sequence 10, Application US/08591632
Patent No. 6261558
GENERAL INFORMATION:
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                                    COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Pstentin Release #1.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/591,632
FILING.DATE: 19-OCT-1994

PRIOR APPLICATION NUMBER: PCT/US94/11907

PRICING DATE: 19-OCT-1994

PRICATION NUMBER: PCT/US94/11907

PRICING DATE: 19-OCT-1994
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APPLICANT: Burton, Dennis R.
APPLICANT: Lerner, Righard A.
TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL
TITLE OF INVENTION: ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,841
FILING DATE: 19-SEP-1994
                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                  STREET: 10550 N
CITY: La Jolla
STATE: CA
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10550 No.
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US-08-832-021-42
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US-09-300-958A-63
US-09-474-432B-314
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US-09-062-451-130
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US-09-491-356C-19
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131, App
142, App
154, App
155, App
164, App
164, App
165, App
166, App
167, App
167, App
168, App
169, App
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RESULT 2
US-09-611-451-10/c
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Best Local S
Matches 20
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 784-2937
TELEPAX: (619) 784-2399
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10, Application US/09611451 Patent No. 6395275 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
YOLFOTH TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08 FILING DATE: 19-OCT-1993 ATTORNEY/AGENT INFORMATION: NAME: Fitting, Thomas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 01 FILING DATE: 26-APR-1994 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
ONTON NUMBER: US 08/233,619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                          COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PILING DATE: 06-Jul-2000
PRIOR APPLICATION NUMBER: US/09/611,451
PILING DATE: 2001-10-29
APPLICATION NUMBER: US 08/591,632
PILING DATE: 19-SEP-194
APPLICATION NUMBER: US 08/308,841
PILING DATE: 19-SEP-194
APPLICATION NUMBER: US 08/33,619
PILING DATE: 26-APR.1994
APPLICATION NUMBER: US 08/233,619
PILING DATE: 19-OCT-1993
APPLICATION NUMBER: US 08/139,409
PILING DATE: 19-OCT-1993
ATTORNEY/AGENT INFORMATION:
NUMBER: FILLING DATE: 19-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Fitting, ThomaREGISTRATION NUMBER:
             NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSRI 332.3
TELECOMMUNICATION INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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The Scripps Research Institute, Office of
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Burton, Dennis R.
Lerner, Righard A.
TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1089 AAGGTTTCTTCTAGTCTAACTTC 1111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent Counsel STREET: 10550 No. 6395275th Torrey Pines Road, TPC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
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(619)
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No. 28;
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Gaps

TELEFAX: (619) 784-9399

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Sequence 100, Application US/09305856B

Patent No. 6479236

GENERAL INFORMATION:
APPLICANT: Penny, Laura
APPLICANT: Galvin, Margaret
TITLE OF INVENTION: Genotyping the Human
TITLE OF INVENTION: UDP-Glucuronosyltransferase 1 (UGT1) Gene
FILE REFERENCE: 4389-7 (formerly SEQ-17CIP)
CURRENT APPLICATION NUMBER: US/09/305,856B
CURRENT FILING DATE: 1999-05-05
PRIOR APPLICATION TOMBER: US/09/305,856B
PRIOR APPLICATION NUMBER: 60/084,807
PRIOR FILING DATE: 1998-05-07
NUMBER: OF SEQ ID NOS: 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TOPOLOGY: Ilnear; ; MOLECULE TYPE: DNA (genomic); SEQUENCE DESCRIPTION: SEQ ID NO: 10: US-09-611-451-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Psuedo-sequence US-09-721-154-1
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SOFTWARE: Fa
SEQ ID NO 100
LENGTH: 21
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Best Local S
Matches 19
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PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1
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Matches
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Patent No. 6651008
GENERAL INFORMATION:
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CURRENT FILING DATE: 2002-06-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Vaisberg, Eugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
TITLE OF INVENTION: Database system including
TITLE OF INVENTION: for predictive cellular b
FILE REFERENCE: CytoP007C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 24
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nes 20; Conserv
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l Similarity 86.4%;
19; Conservative
                                     FastSEQ for Windows Version 3.0
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TYPE: nucleic acid
STRANDEDNESS: single
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Pred. No. 48
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Pred. No. 28;
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANTION: Biallelic markers for use in
FILE REFERENCE: GENST: 0.00Cp1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
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SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 24
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                                       SEQ ID NO 6371
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6371, Application US/09422978 Patent No. 6537751
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 1994-05-23
PRIOR APPLICATION NUMBER: US 07/838,607
PRIOR FILING DATE: 1992-02-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 08/473,010
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/247,530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 07763-004003
CURRENT APPLICATION NUMBER: US/09/164,249B
CURRENT FILING DATE: 1998-09-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Chetverin, Alexander B.

APPLICANT: Kramer, Fred Russel
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
                                                                                    NUMBER OF SEQ ID NOS: 11796
                                                                                                            EARLIER FILING DATE: 1998-04-21
ORGANISM: Homo Sapiens
                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Synthetically derived DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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90.0%; Pred. No. 62;
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Pred. No. 52;
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US-08-863-639A-67/c
Sequence 67, Application US/08863639A
PATENT NO. 5981185
GENERAL INFORMATION:
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; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-11001 for SEQ 2437,
US-09-422-978-6371
                                                                                                                                                                                                                                                          US-08-863-639A-55
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                            Matches
                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (626) 795-63: INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Wordberfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILLING DATE: May 28, 1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
                                                                                                                                                                                                                                                                        TOPOLOGY: 11 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: JOSeph E. Mueth
REGISTRATION NUMBER: 20,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (626) 796-4000
                                                                                                                                                                                                           Local Similarity
                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
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CITY: Pasadena
                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 11859-1
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                                                                                                                                                                                            Conservative
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Matson, Robert S.
                                                                                                                                                                                                                                                                                        linear
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    3.50 inch, 1.44 Mb storage

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Pred. No. 75;
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Pred. No. 58;
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                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                Sequence 68,
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                   ENERAL INFORMATION:
                                     COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM compat
OPERATING SYSTEM: Wi
                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08, FILING DATE: May 28, 1997 CLASSIFICATION: 435 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                               NUMBER OF SEQUENCES: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Corel WordPerfect 8 version CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                               TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                       APPLICANT:
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APPLICATION NUMBER: US/08/863,639A FILING DATE: May 28, 1997 CLASSIFICATION: 435
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REGISTRATION NUMBER: 2
                                                                                                                                           COUNTRY:
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                                                                                                                                                                                    ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
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225 South Lake A
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                                                                                                                                                                                                                                                                                                      Matson,
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/ENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Rampal,
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C. T
                                                                       Windows 95
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85.7%; Pred. No. 75;
tive 0; Mismatches
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Query Match
Best Local Similarity
Matches 18; Conserve
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                              Matches
                                            Query Match
Best Local S
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OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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NFORMATION FOR SEQ ID NO: 71:
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NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,:
REFERENCE/DOCKET NUMBER:
                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
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CITY: Pagadena
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                          TYPE: nucleic acid
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426 GGCGGCTGCGGCGCCGAC 446
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225 South Lake Avenue, 9th Floor
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85.7%;
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85.7%;
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                             Score 16.2; D:
Pred. No. 75;
O; Mismatches
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Pred. No. 75;
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US-08-416-214A-11
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Best Local Simi
Matches 18;
PRIOR APPLICATION NUMBER: 08/994,825
PRIOR FILING DATE: 1997-12-19
NUMBER OF SEQ ID NOS: 366
SOFTWARE: PatentIn version 3.1
SEQ ID NO 236
LENGTH: 21
                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Milhausen, Michael James
                                                                                                                                                                                                                   Sequence 236, Application US/09216393B Patent No. 6514694
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                                                                                                        TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THERE FILE REFERENCE: TX-1-C2
CURRENT APPLICATION NUMBER: US/09/216,393B
CURRENT FILING DATE: 1998-12-18
CURRENT FILING DATE: 1998-12-18
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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HYPOTHETICAL: Yes
ANTI-SENSE: NO
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416,214A
FILING DATE: 04-APR-1995
ATTORNEY/AGENT INFORMATION:
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ZIP: 10154
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Inhibition Of Protein
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85.7%; Pred. No. 75;
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US-09-198-452A-6233/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-482-918-33/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6233, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: chareof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
TITLE OF INVENTION: and treatment of infection
TITLE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6233
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 33, App.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local
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Best Local Similarity
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: PatentIn Release #1.0, Ve:
CURRENT APPLICATION NUMBER: US/08/482,918
FILING DATE: 07-JUN-1995
CILASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 10
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APPLICANT: Martin, Francis H.
                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Stem Cell Factor
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CITY: Chicago
STATE: Illinois
COUNTRY: United:
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                                                                                                                                                                                                                                COUNTRY: United States of America ZIP: 60606-6402
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                                                                                                                                                                                                                                                                                                           E: Marshall, O'Toole, Gerstein, Murray & 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                              Bosselman, Robert A.
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85.7%;
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100.0%; Pred. No.
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Pred. No. 75;
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                                                                                                                                      Version #1.30
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RESULT 15
US-09-224-681-33/c
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TELEPHONE: 312/474-6300
TELEPAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
                                                                   PRIOR APPLICATION DATA:
APPLICATION UNMEER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION UNMEER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION UNMEER: 07/573,616
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION UNMEER: 07/573,616
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,653
FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
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               APPLICATION NUMBER: 07/5: FILING DATE: 11-JUN-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 09/0 FILING DATE: 12-JAN-1998 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC
OPERATING SYSTEM:
SOFTWARE: PatentI
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/224,681
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 APPLICATION NUMBER:
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Similarity 89.5%;
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SYSTEM: PC-DOS/MS-DOS
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                                                     07/537,198
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07/422,383
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Pred. No. 90;
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South Wacker Drive
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; MOLECULE TYPE: DNA US-09-224-681-33
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Best Local Similarity 89.5%;
Matches 17; Conservative
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APPLICANT: Zsebo,
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                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                       APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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REFERENCE/DOCKET NUMBER: 07
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                 APPLICATION NUMBER: 07/42
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
                                                                                                             APPLICATION NUMBER: 07/5: FILING DATE: 11-JUN-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                   FILING DATE: 24-AUG-
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: Chicago
                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/OFILING DATE: 09-NOV-1994 CLASSIFICATION: 424
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: United States of America
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STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1519 TAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19 TAAAAAAAAAAAAAAAA 1
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                                                                                                                                                                                         24-AUG-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , Krisztina M
NUMBER: 01017/32956
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                                                                                           07/422,383
                                                                                                                                                     07/537,198
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                 36,107
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Pred. No. 90
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APPLICANT: Davis, Heather L.
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Schorr, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or TITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US/09/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US/09/047,239
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US-09-030-701-65
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                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                               Sequence 57, Application US/09082649B
Patent No. 6339068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6214806
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTITUES OF INVENTION: UNMETHYLATED CPG DINUCLEG TITLE OF INVENTION: LPS-ASSOCIATED DISORDERS FILE REFERENCE: C1039/7011

CURRENT APPLICATION NUMBER: US/09/030,701B

CURRENT FILING DATE: 1998-02-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Krieg, Arthur M.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING
TITLE OF INVENTION: UNMETHYLATED CGG DINUCLECTIDE IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/039,405
PRIOR FILING DATE: 1997-02-28
NUMBER OF SEQ ID NOS: 65
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 312/474-6300
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                                                                                                                                                                                                                                                                                                                                                                                                     426 GGCGGCTGCGGCGCCGGCG 444
                                                                                                                                                                                                                                                                                                                                                                                                                                             17;
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89.5%; Pred. No. 90;
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; FEATURE: ; OTHER INFORMATION: synthetic oligonucleotide US-09-082-649B-57
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Patent No. 6759215
GENERAL INFORMATION:
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SOFTWARE: FastSEQ fo:
SEQ ID NO 57
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
INFORMATION FOR SEQ ID
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nes 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIIM TYPE: Floppy disk

COMPUTER: IEM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/635,251

FILING DATE: 07-Aug-2000
                                                  ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32957A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Stem Cell Pactor NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Zsebo,
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PastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Chicago
                                                                                                                                                                      APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 07/684,535
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                                    TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 07/589,701
                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/
                                                                                                                                                                                                                                                   LING DATE: 01-OCT-1990
PLICATION NUMBER: 07/5
LING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                    LING DATE:
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Pred. No. 90;
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ower, 233 South Wacker Drive
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                                                                                                       US-08-863-639A-52
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                                                   Matches
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                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Coassin, Peter APPLICANT: Rampal, Jang B. APPLICANT: Caskev
                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: May 28, 1997
                                                                                                                    TOPOLOGY: 1i
                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 11:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: S
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nes 17; Conserv
                                                                                                                                            STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE:
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                         426 GGCGGCTGCGGCGGCG 444
                                                  al Similarity 89.5%;
17; Conservative
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5981185
                                                                                                                                                          nucleic acid
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Caskey, C. T.
VENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
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                                                                                                                     Other nucleic acid
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                                                                  Score 15.8;
Pred. No. 9
                                                   Mismatches
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                                                   Gaps
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RESULT 21 US-08-863-639A-56 ; Sequence 56, Application US/08863639A

GENERAL INFORMATION:

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GENERAL INFORMATION:

APPLICANT: Ford, John

APPLICANT: Yeung, George

TITLE OF INVENTION: A ROVEL CHEMOKINE RECEPTOR OBTAINED FROM

TITLE OF INVENTION: A CDNA LIBRARY OF FETAL LIVER-SPLEEN

FILE REFERENCE: 20411-742CON2 (now 28110/36057B)

CURRENT APPLICATION NUMBER: US/09/409,778

CURRENT FILING DATE: 1999-09-22

PRIOR APPLICATION NUMBER: PCT/US99/12829

PRIOR FILING DATE: 1999-06-29

PRIOR FILING DATE: 1999-01-22

PRIOR APPLICATION NUMBER: US 09/236,166

PRIOR APPLICATION NUMBER: US 09/236,166

PRIOR APPLICATION NUMBER: US 09/106,800

PRIOR FILING DATE: 1998-06-26

PRIOR FILING DATE: 1998-06-26

PRIOR FILING DATE: 1998-06-26

PRIOR FILING DATE: 1998-06-26
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NAME: JOSEPH E MUETH
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 795-4000
TELEPHONE: (626) 795-6321
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
                                                         SOFTWARE: 1
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 64721
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Best Local
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DRGANISM: Artificial Sequence
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APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08,
FILING DATE: May 28, 1997
CLASSIFICATION: 435
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MEDIUM TYPE: Diskett
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STRANDEDNESS: sing
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OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
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ZIP: 91101
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                                                                                 FastSEQ for Windows Version 3.0
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Pred. No. 95;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                        RESULT 24
US-08-123-449A-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Exemplary oligonucleotide primer used in sequence assembly process US-09-409-778-25
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CURRENT FILING DATE: 1999-09-22
PRIOR APPLICATION NUMBER: PCT/US99/12829
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/236,166
PRIOR FILING DATE: 1999-01-22
PRIOR FILING DATE: 1999-01-26
PRIOR APPLICATION NUMBER: US 09/106,800
PRIOR FILING DATE: 1998-06-26
PRIOR FILING DATE: 1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Far
SOFTWARE: Far
SEQ ID NO 25
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Best Local :
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Best Local Similarity
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APPLICANT: Yeung, George
TITLE OF INVENTION: A NOVEL CHEMOKINE RECEPTOR OBTAINED FROM
TITLE OF INVENTION: A CDNA LIBRARY OF FETAL LIVER-SPLEEN
FILE REFERENCE: 20411-742CON2 (now 28110/36057B)
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APPLICANT:
APPLICANT:
                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear
                                                                                                                                                                                                              TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES TITLE OF INVENTION: OF RNA
                                                                                                                                                                                               NUMBER OF SEQUENCES:
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COMPUTER: IBM Com
                                                                                         COUNTRY:
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                                                                                                                        Newport Beach
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                                                                                                                                            620 Newport Center Drive
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                    IBM Compatible
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Pred. No. 9
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Pred. No. 95;
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US-08-123-449A-19
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,050
FILING DATE: 01-JUN-1995
CLASSIFICATION: 514
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TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: RATAN, MALIAN
APPLICANT: KRYSTYNA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
OF SEQUENCES: 22
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ADDRESSEE: Knobbe, Martens, Olson and Bear STREET: 620 Newport Center Drive
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LENGTH: 22 base pairs
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
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FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
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OTHER INFORMATION: A is linked of the companion of the companion
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Pred. No. 1.1e+02;
0; Mismatches
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; NAME/KEY: miscellan
; LOCATION: 4
; OTHER INFORMATION:
; OTHER INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,844A
FILING DATE: 28-APR-1997
CLASSIFICATION: 800
PRIOR APPLICATION NUMBER: US 08/749,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 94, Application US/08847844A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE TITLE OF INVENTION: MAMMALIAN RETROTRANSPOSONS
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: DOMBROSKI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   / Match 1.1%;
Local Similarity 81.8%;
les 18; Conservative
                                                                                                                                                                                                  COUNTRY: U.S.A. ZIP: 19103-7086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: A is linked by 2',5'-linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.001QPC
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Pred. No. 1.1e+02;
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US-08-847-844A-94
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ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 9596-23U2
REFERENCE/DOCKET NUMBER: 9596-23U2
TELECOMMUNICATION INFORMATION:
""""FYERHONE: 215-567-2020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 215-567-2020
TELEPAX: 215-567-2991
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: Bingle
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Best Local Similarity
                                                                                                           APPLICATION NUMBER: US/08/950,196
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/123,449
FILING DATE:
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/ACENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: 36,799
REFERENCE/DOCKET NUMBER: UHI034.001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: TORRENCE, PAUL
APPLICANT: ROBERT, SILVERMAN
APPLICANT: RATAN, MAITRA
APPLICANT: KRYSTYNA, LESIAK
APPLICANT: KRYSTYNA, LESIAK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  08-950-196-19
                                                                           TELEFAX: 714-760-9502 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS Version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
                                  SEQUENCE CHARACTERISTICS
LENGTH: 22 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES TITLE OF INVENTION: OF RNA
                                                                           TELEPHONE: 714-760-9502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Knobbe, Martens, Olson and Bear STREET: 620 Newport Center Drive CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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STRANDEDNESS:
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                  : 22 base pairs nucleic acid
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Pred. No. 1.1e+02
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US-08-584-040-2546/c

Sequence 2546, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.

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US-09-720-201A-25
                                                                                                                                                           US-09-720-201A-25
                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 25
LENGTH: 22
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GENERAL INFORMATION:
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                               APPLICANT: MATSUZAKI, JUNICHI
APPLICANT: OHMORI, HIROSHI
TITLE OF INVENTION: A VECTOR EXPRESSING AN RNA VIRAL FULL-LENGTH GENE AND
TITLE OF INVENTION: ITS USE
TILE REFERENCE: 04853.0051-00000
CURRENT APPLICATION NUMBER: US/09/720,201A
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: JP 98/177,820
PRIOR APPLICATION NUMBER: JP 98/177,820
PRIOR PILING DATE: 1998-06-24
PRIOR PILING DATE: 1999-06-24
PRIOR PILING DATE: 1999-06-24
PRIOR PILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: KOHARA, MICHINORI
                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Poly A OTHER INFORMATION: nucleotide sequence
                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: CD
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LOCATION: 1-4
OTHER INFORMATION: A is linked by 2',5'-linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: miscellaneous feature LOCATION: 4
                                                                                               Local Similarity
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                      1516 AATTAAAAAAAAAAAAGTAAAA 1537
1 AAAAAAAAAAAAAAAAAAA 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            h 1.1%; Score 15.6; DB 1;
Similarity 81.8%; Pred. No. 1.1e+02;
18; Conservative 0; Mismatches 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAAAAAAAAAAAAAAAAA 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               KOHARA, KYOKO
TAIRA, KAZUNARI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/09720201A
                                                                            1.1%; Score 15.6; DB 1; llarity 81.8%; Pred. No. 1.1e+02; Conservative 0; Mismatches 4;
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                                                                                                                 Length 22;
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                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Genudry, Amber
APPLICANT: Adamic, Jasenka
                                                                                                                                                                                                                                                                                                      Sequence 559, Application US/09474432B Patent No. 6528640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                  APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOTTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                              -09-474-432B-559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                  PRIOR APPLICATION NUMBER: US 60/064,866 PRIOR FILING DATE: 1997-11-05
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STREET: Suite STREET: Suite CITY: Los Angeles U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ESCOBEDO, TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: lir
APPLICATION NUMBER: US 60/084,727
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
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633 West Fifth Street
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Pred. No. 93;
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Jaime
ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
ITILE OF INVENTION UNMESE: US/09/371,772B
CURRENT APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 68/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 1070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; PRIOR FILING DATE: 1998-04-29; PRIOR APPLICATION NUMBER: US 09/186,675; PRIOR FILING DATE: 1998-11-04; PRIOR APPLICATION NUMBER: US 09/301,511; PRIOR PILING DATE: 1999-04-28; NUMBER OF SEQ ID NOS: 1526; SOPTWARE: PATENTIN VERSION 3.0; SEQ ID NO 559; LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1070
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-559
                                                                                                                                                                                                                                                                                                                US-09-476-387-558
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                                                                                                                                                                                                                                          Patent No. 6617438 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                Sequence 558, Application US/09476387 Patent No. 6617438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local
                                                                                       APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpelsky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
FILE REFERENCE: MEHBOO-81J-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ribozyme Pharmaceuticals, Inc
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Similarity 94.1%;
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Pred. No. 93;
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Query Match
Best Local Similarity
Matches 3; Conserve
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                                                                                                                                                                                                                                                                                   US-09-577-902-13
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APPLICANT: ROBORT MCKAY
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: ISH-0463
CURRENT APPLICATION NUMBER: US/09/577,902
CURRENT FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: PCT/US99/29594,
PRIOR FILING DATE: 1999-12-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 13
LENGTH: 18
TYPE: DNA
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0079
CURRENT APPLICATION NUMBER: US/09/358,381
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                      GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
APPLICANT: Robert McKay
                                                                                                                                                                                                                                            Sequence 13, Application US/09577902 Patent No. 6284538
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Patent No. 60201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.0 SEQ ID NO 558 LENGTH: 17
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PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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                                                                                                                                         ANTISENSE MODULATION
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Pred. No. 1e+02;
0; Mismatches 1;
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Pred. No. 9
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PCT-US91-03680-73/c
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                                                              PCT-US91-03680-73
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SEQ ID NO 13
LENGTH: 18
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              Query Match
Best Local (
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Matches
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC
FILING DATE: 19910524
                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1: CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Matteucci, APPLICANT: Krawczyk,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                           TELEFAX: 417
TELEFAX: 706141
                                                                                                                                                                                        NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Morrison & Foerster STREET: 545 Middlefield Road, S CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIIM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                            OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                       OTHER INFORMATION: /mod_base= OTHER OTHER INFORMATION: /note= "5-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity 94.1%;
                                                                                                           LOCATION:
                                                                                                                          NAME/KEY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      633 GGGAGGTGGCGCCGCCG 649
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              Similarity
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Conservative
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             1.1%; Score 15.4; DB 1; Length 18; 94.1%; Pred. No. 1e+02;
                                                                            /mod_base= OTHER
/note= "N4,N4-ethanocytosine"
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Pred. No. 1e+02;
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                                                                                                                                                       "5-methylcytosine"
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US-08-890-979-56/c
; Sequence 56, Application US/08890979
; Patent NO. 6030778
; GENERAL INFORMATION:
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Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 56, Application US/08890980 Patent No. 5998141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ·08-890-980-56/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: Acton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PR PC COMPATION
SOFTMARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/890,980
FILING DATE: 10-UUL-1997
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
                                                                                       NUMBER OF SEQUENCES: 75
CORRESSONDENCE ADDRESSE: FOLEY, HOAG & ELIOT
STREET: One Post Office Square
                                                                                                                                                                  APPLICANT: Acton, Susan L.

APPLICANT: Ordovas, Jose M.

TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS
TITLE OF INVENTION: DISORDERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                    ADDRESSEE: FO:
STREET: One PO
CITY: Boston
STATE: MA
COUNTRY: USA
71P: 02109-2170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: One
CITY: Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                 1037 GTGGGCGGCGGTGGTAA 1056
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SR-B1 NUCLEIC ACIDS AND USES THEREFOR
                                                                                                                HOAG & ELIOT LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MIA-005.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 15.2; DB 1;
Pred. No. 1.3e+02;
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RESULT 39
US-09-513-729B-15
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US-09-032-894-56/c
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US-09-032-894-56
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                                                                          Patent No. 6165791
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 56
LENGTH: 20
                                                                                              Sequence 15, Application US/09513729B Patent No. 6165791
                                                                                                                                                                                                                                                                                          Query Match 1.1%; Score 15.2; DB 1; Best Local Similarity 85.0%; Pred. No. 1.3e+02; Matches 17; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 56, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
COUNTRIES OF SEQ ID NOS: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 1.1%;
Best Local Similarity 85.0%;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
APPLICANT:

APPLICANT:

APPLICANT:

Jacqueline Wyatt

TITLE OF INVENTION:

FILE REFERENCE:

RTS-0112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: MITELECOMMUNICATION INFORMATION
TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION: NAME: Arnold, Beth B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/890,979
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                      1037 GTGGGCGGCGGTGGTAA 1056
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                    ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
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; Pred. No. 1.3e
0; Mismatches
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
APPLICANT: Ordovas, Jose M.
APPLICANT: Ordovas, Jose M.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BOD'
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
CURRENT FILING DATE: 1998-02-27
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-031-626-56
                                                                                                                                                                                                                                                                                                                                                          US-09-134-607A-6/c
; Sequence 6, Application US/09134607A
; Patent No. 6252141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LENGTH: 20
; TYPE: DNA
; CRGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-15
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US-09-031-626-56/c
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Patent No. 6228581
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: JOSEPH HITSCHberg et al.
APPLICANT: JOSEPH HITSCHberg et al.
TITLE OF INVENTION: POLYNUCLEOTIDES CONTROLLING THE EXPRESSION
TITLE OF INVENTION: OF AND CODING FOR GENE B IN TOMATO AND USE
TITLE OF INVENTION: OF SAME FOR ALTERING CAROTENOID
TITLE OF INVENTION: BIOSYNTHESIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/513,729B
CURRENT FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 88
              COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead, Slimnote 890TX
                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
STREET: 20001 Jefferson Davis Highway, Suite 207
                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.1%;
Local Similarity 85.0%;
hes 17; Conservative
                                                                                         COUNTRY:
                                                                                                                                   STREET: 20001 Je
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1037 GTGGGCGGCGGTGGTGGTAA 1056
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                                                                                             Virginia
: United States of
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85.0%;
MS DOS version 6.2,
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Pred. No. 1.3e+02;
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Pred. No. 1.3e+02;
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RESULT 43 US-09-356-806-92

GENERAL INFORMATION:

APPLICANT: Penny, Laura APPLICANT: Galvin, Margaret APPLICANT: Miller, Andrew Sequence 92, Application US/09356806 Patent No. 6586175

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                                                                                                                           ; OTHER INFORMATION: PCR primer HT15-C US-09-965-599-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: 8ii;
TOPOLOGY: linear
US-09-134-607A-6
                                                                                                                                                                                                                        FILE REFERENCE: 6920/0J871
CURRENT APPLICATION NUMBER: US/09/965,599
CURRENT FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/09965599
Patent No. 6555670
GENERAL INFORMATION:
APPLICANT: Aizawa, Akira
APPLICANT: Kawakami, Akiko
APPLICANT: Kawakami, Akiko
APPLICANT: Kondo, Toshihiko
TITLE OF INVENTION: Testis-Specific Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local (
                                                                Matches
                                                                             Query Match
Best Local
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                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                               FEATURE:
                                                                                                                                                                            ORGANISM: Artificial sequence
                                                                                                                                                                                                                LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Friedmam, Mark M.
REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 32:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-562553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Friedmam, Mark M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 800 PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: Windows version 3.11 SOFTWARE: Word for Windows version 2.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE:
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                                1300 AATCTATTTTTTTTTTTC 1319
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1 Similarity 85.0%;
17; Conservative (
                                                                               Similarity
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                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      single
                                                                             1.1%; Score 15.2; DB 1;
85.0%; Pred. No. 1.3e+02;
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Pred. No. 1.
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                                                                Mismatches
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; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UD-Glucuronosyltransferase 284 (UGT284), 287 (UGT287) and
; TITLE OF INVENTION: 2815 (UGT2815) Genee
; TITLE OF INVENTION: 2815 (UGT2815) Genee
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/09/356,806
; CURRENT FILING DATE: 199-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PastSEQ for Windows Version 3.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-356-806-92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               S
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Best Local Similarity
Matches 17; Conserv
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                                                    TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: US
ZIP: 32606-6669
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,780
FILING DATE: 30-OCT-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Stamp, Lisa
TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide
TITLE OF INVENTION: Sequences Which Encode These Toxins
NUMBER OF SEQUENCES: 134
                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
                                                                                                                                        TELEPHONE: 352-375-8100
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                                                                                                                                                                                NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: MA-708
                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ö.
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                                    nucleic acid
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Narva, Kenneth E.
Stockhoff, Brian A.
Schmeits, James
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Dullum, Charles Joseph
Muller-Cohn, Judy
Stamp, Lisa
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linear
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85.0%;
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Pred. No. 1.3e+02;
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US-09-073-898-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  吊
                                                               ; TOPOLOGY: linear; MOLECULE TYPE: DNA (genomic) US-09-073-898-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 1.1%;
Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 11,
                             Query Match
                                                                                                                                                             TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/
FILING DATE: 30-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 30-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Sanders, Jay M.
                                                                                                                                                                                                             NAME: Sanders, Jay M.
REGISTRACIO NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION DATA:
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y Match 1.1%;
Local Similarity 85.0%;
hes 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 2421 N.W. CITY: Gainesville
                                                                                                                              LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/073,898 FILING DATE:
                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1630 ATCCTCCCTACCCTTTTGAA 1649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  32606-6669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        T: Finstad-Lee, Stacey
INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide
INVENTION: Sequences which Encode These Toxins
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: Saliwanchik, Lloyd & Saliwanchik
2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                 352-372-5800
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Morrill, Geo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Muller-Cohn, Judy
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Schmeits, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Narva, Kenneth E.
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                                                                                                               single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   George
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  144
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                                                                                                                                                                                                                                                                                                                                 US 08/960,780
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                                                                                                                                                                                                                                                 MA-708C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0;
 Score 15.2; DB 1; Length 21; Pred. No. 1.4e+02; 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 15.2; DB 1;
Pred. No. 1.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length
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US-09-850-351A-11
                                                                       Best Local Similarity Matches 17; Conserv
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GENERAL INFORMATION:
                                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATION
COMPUTER: PATENTIN Release #1.0, VE
CURRENT APPLICATION NUMBER: US/09/850,351A
APPLICATION NUMBER: US/09/850,351A
                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:

NAME: Sanders, Jay M.

REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708CD1
REFERENCE/IN INFORMATION:
TELEPHONE: 352-372-58100
TELEPAX: 352-372-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Morrill, George
TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
Sequences Which Encode These Toxins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1630 ATCCTCCCTACCCTTTTGAA 1649
                                  1630 ATCCTCCCTACCCTTTTGAA 1649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                     SEQUENCE DESCRIPTION:
                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                            STRANDEDISS: single
TOPOLOGY: linear
TULE TYPE: DNA (genomic)
ENCE DESCRIPTION: SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 09/073,898
FILING DATE: 06-MAY-1998
APPLICATION NUMBER: US 08/960,780
FILING DATE: 30-0CT-1997
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-0CT-1996
                                                                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 07-May-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: FL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09850351A
                                                                         Conservative
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Muller-Cohn, Judy
Stamp, Lisa
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Schmeits, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Narva,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          oewer, David
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                                                                                          1.1%;
85.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Brian A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Jerald S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ernest
                                                                       0;
                                                                                          Score 15.2; DB 1
Pred. No. 1.4e+02
                                                                         Mismatches
                                                                                                            DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Version #1.30
                                                                                                            Length 21;
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RESULT 47

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-584-040-2547/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-832-021-20/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Combates, N
APPLICANT: Pardinas, J
APPLICANT: Parimoo, S.
                                                                                APPLICATION NUMBER: US/08,
FILING DATE: January 11,
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/00:
FILING DATE: October 26,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
                               FILING DATE: October 26, ATTORNEY/AGENT INFORMATION: NAME: Warburg, Richard JREGISTRATION NUMBER: 32,
                                                                                                                                                                                    SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Escobedo, TITLE OF INVENTION: N
                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                           TUMBER OF SEQUENCES:
REFERENCE/DOCKET NUMBER: 218
LECOMMUNICATION TWO 218
                                                                                                                                                                                                                  COMPUTER: IBM Con
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                          STREET:
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5. 6045998
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5. 6346398
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                                                                                                                                                                                                                                                                                                                                                                          Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                          633 West Fifth Street
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Stinchcomb, Dan T.
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                                                                                                                                                                                                                       IBM P.C. DOS 5.0
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                                                                                                                                                    US/08/584,040
CY 11, 1996
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100.0%; Pred. No.
                                                                                                   60/005,974
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                   218/064
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TELEPHONE:

(213) 489-1600

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US-08-584-040-2547
US-08-584-040-2548
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                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 60/005,974
FILING DATE: OCTOBER 26, 1995
ATTORNEY/AGENT INFORMATION:
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stent No. 6346398
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SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                NFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPPLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
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                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
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                                                                                                      TELEFAX: 12-1
TELEFAX: 67-3510
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STREET: Suite 4700
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Local Similarity 100.0%; F
hes 15; Conservative 0;
                             TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                          REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                           NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A. ZIP: 90071-2066
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STATE: California
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McSwiggen, James
Stinchcomb, Dan T.
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Query Match

1.18;

Score 15;

DB 1;

Length 17;

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US-09-371-772B-1072
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; ORGANISM: Homo sapiens
US-09-371-772B-1071
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                                                                                                                               TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions I TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00,876-J (237/198) CURRENT APPLICATION NUMBER: US/09/371,772B CURRENT FILING DATE: 1999-08-10 PRIOR APPLICATION NUMBER: US 60/005,974 PRIOR APPLICATION NUMBER: US 08/584,040 PRIOR APPLICATION NUMBER: US 08/584,040 PRIOR APPLICATION NUMBER: US 08/584,040 PRIOR FILING DATE: 1996-01-08 NUMBER OF SEQ ID NOS: 14225 SOFTWARE: Patentin version 3.0 SEQ ID NOS: 1072
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Best Local
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Patent No. 65661
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APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
NUMBER OF SEQ ID NOS: 14225
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Query Match
Best Local Similarity
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                                                                                               TYPE: RNA
                                                                                                                    ENGTH: 17
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Similarity 100.0%; P
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McSwiggen, Jim
Stinchcomb, Dan
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McSwiggen, Jim
Stinchcomb, Dan
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b; Pred. No. 1.2
0; Mismatches
Score 15;
Pred. No.
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hes 0;
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1.2e+02;
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Rodney B.

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US-08-881-784-18/c
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             Sequence 18, Application US/08881784 Patent No. 6083731
                                                                                                                                                                            Best Local Similarity Matches 15; Conserv
                                                                                                                                                                                                              Query Match
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             '-US91-03680-74/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         equence 74, Application PC/TUS9103680 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN PC-BOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 46
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Krawczyk, TITLE OF INVENTION: TITLE OF INVENTION:
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                                                                                                                                                                                                                                                            OTHER INFORMATION: /mod_base= OTHER OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
                                                                                                                                                                                                                                                                                           NAME/KEY: modified_base LOCATION: 18
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                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY:
LOCATION:
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Menlo Park
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                                                                                                                                                                                               Score 15; DB 1;
Pred. No. 1.3e+02;
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                                                                                                                                                                                1; Indels
                                                                                                                                                                                                              Length 18
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APPLICANT: Croteau, Rodney B
APPLICANT: Lupien, Shari L
APPLICANT: Lupien, Shari L
APPLICANT: Warp, Frank
TITLE OF INVENTION: RECOMBINANT MATERIALS AN
TITLE OF INVENTION: LIMONENE HYDROXYLASES
FILE REFERENCE: wsur13463
CURRENT APPLICATION NUMBER: US/09/292,768
CURRENT FILING DATE: 1999-04-14
EARLIER APPLICATION NUMBER: 08/881,784
EARLIER APPLICATION NUMBER: 08/881,784
EARLIER FILING DATE: 1997-06-24
NUMBER OF SEQ ID NOS: 70
                                                                                                                                                                                                                                                                                                                                                             US-09-292-768-18/c
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                                                                                                                                                                                                                                                                                                      Sequence 18, Applicate Patent No. 6194185 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
                                                       SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (206) 224-07
INFORMATION FOR SEQ ID NO:
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 26,997
REFERENCE/DOCKET NUMBER: WS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/881,784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                       ENGTH: 19
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ATTORNEY/AGENT INFORMATION:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: 1.19
OTHER INFORMATION: /product= "Primer 3.B (Table 1)"
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                              Application US/09292768
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Pred. No.
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Query Match
Best Local Similarity
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; OTHER INFORMATION: Oligonucleotide primer that primes the polyA tail; OTHER INFORMATION: on cDNA molecules
US-09-292-768-18
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TYPE: DNA
; ORGANISM: Taenia solium metacestodes
US-09-676-589-6
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                                                                                                      APPLICANT: Brown, Sherri M.
APPLICANT: Heck, Gregory R.
APPLICANT: Piller, Kenneth J.
APPLICANT: Kishore, Ganesh M.
APPLICANT: Elich, Tedd D.
APPLICANT: Logusch, Eugene W.
APPLICANT: Rao, Sudabathula
APPLICANT: Ream, Joel E.
APPLICANT: Logusch, Sherry J.
TITLE OF INVENTION: Methods for controlling gi
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                                                                                                                                                                                                                                                                                                            Sequence 85, Application US/09371307A Patent No. 6723897
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                                                                                                                                                                                                                                                                                               GENERAL
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NUMBER OF SEQ ID NOS: 9

SOFTWARE: FABSUSEQ for Windows Version 4.0
FILE REFERENCE: MOBT: 216
CURRENT APPLICATION NUMBER: US/09/371,307A
CURRENT FILING DATE: 1999-08-10
NUMBER OF SEQ ID NOS: 89
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 85
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APPLICANT: CHUNG, Joon
APPLICANT: BAHK, Youn
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wes 16; Conserv
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                                                                                                                                                                                                                                                                                         INFORMATION:
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: BAHK, Young Yil
: KANG, Shin-Yong
: CHO, Seung-Yull
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Pred. No. 1.4e
1; Mismatches
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Pred. No.
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. 1.4e+02;
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APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXI
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 153
LENGTH: 20
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US-09-705-267A-153
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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Matches
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Patent No. 65520
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SEQ ID NO 6435
LENGTH: 20
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FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo Sapiens FEATURE:
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                                                                            ORGANISM: Artificial Sequence
                                                                                                                         TYPE: DNA
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tive 0;
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Pred. No.
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Pred. No. 1.4e+02;
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                                                                                                                Sequence 3, Application US/08346429 Patent No. 5837820
                                                                                                                                                                                                                                                                                                              Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 16, Application US/08621914A Patent No. 5707807
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Best Local
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                                                                                GENERAL INFORMATION:
APPLICANT: DeRose
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                              APPLICANT:
                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE II, STANTON T.
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: MOLECULA
TITLE OF INVENTION: ANALYSIS
                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid
TITLE OF INVENTION: PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN
                                                                                                                                                                                                                                                                                         y Match 1.1%;
Local Similarity 88.9%;
hes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/621,914A FILING DATE: 26-MAR-1996 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 10036-2711
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: NEW YORK
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                                                                                                                                                                                                                                                            1520 AAAAAAAAAAAAGTAAAA 1537
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cal Similarity 100.08;
15; Conservation
                                                                                                                                                                                                                          18
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                                                                                                                                                                                                                          AAAAAAAAAAAAAAA 1
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1155 AVENUE OF THE AMERICAS
                                              DeRose, Richard
Douce, Roland
Duval, Manuel
                Job, Claudette
Job, Dominique
                                                                                                                                                                                                                                                                                                                                                                                                   unknown
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; Pred. No.
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                                                                                                                                                                                                                                                                                            Score 14.8; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 2;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 516-742-434:
TELEPAX: 516-742-436:
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 95
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,429
FILING DATE: 29-NOV-1994
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Chatelain,
APPLICANT: Kumarev, V
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                  CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                            COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                          ADDRESSEE: Jacobson, Price, Holman & Stern STREET: 400 Seventh St. N.W. CITY: Washington D.C
                                                   APPLICATION NUMBER: US/0 FILING DATE: 14-DEC-1994
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                                                                                                                                                                                                               COUNTRY: U.S.A.
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TOPOLOGY: li
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1520 АДАЛАДАЛАДАДСТАДАД 1537
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   nucleic acid
DEDNESS: double
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                                                                                                                                                                                                                                                                                                                     Implementation
                                                                                                                                                                                                                                                                                                                                      Process for Preparing Polynucleotides on a Solid Support and Apparatus Permitting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BE USED FOR DETERMINING THE GERMINATION STAGE A SEED
                                                                     US/08/358,556A
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Pred. No. 1.
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FILING DATE: 16-DEC-1993 ATTORNEY/AGENT INFORMATION:

NAME: Player, William E. REGISTRATION NUMBER: 31, REFERENCE/DOCKET NUMBER:

31,409

10577/P58418

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RESULT 62
US-08-358-556A-18
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Best Local Similarity 88.9
Matches 16; Conservative
                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
CLASSIFICATION DATA:
CLASSIFICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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TELEX: RCA 248593 IDEA UR
NFORMATION FOR SEQ ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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HYPOTHETICAL: NU
TENSE: NO
                                                                 APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
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LENGTH: 18 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Jacobson, Price, Holman & Stern STREET: 400 Seventh St. N.W. CITY: Washington D.C
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LOCATION: 1..18
                                 TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
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5869643
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                                   : (202)638-6666
(202)393-5350
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88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Implementation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Process for Preparing Polynucleotides on a Solid Support and Apparatus Permitting
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                                             Best Loc
Matches
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Sequence 4, Apr-
No. 5874213
                                                           Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/295
FILING DATE: 24-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cummins, Lendell L.
APPLICANT: Freier, Susan M.
APPLICANT: Griffey, Richard
APPLICANT: Srivatsa, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection
TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
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Local Similarity 88.9%;
hes 16; Conservative
                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                            TELEPHONE:
                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: IS1
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/0 FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WordPerfect 6.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: One Liberty
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
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STRANDEDNESS: single
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                                                                                                                                                               LENGTH:
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1520 AAAAAAAAAAAAGTAAAA 1537
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                                              Conservative
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                                                           1.1%;
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Pred. No. 1
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Sequent No. 6071/---;
GENERAL INFORMATION:
APPLICANT: Lin, Ching-I Patsy
APPLICANT: Wallace, Robert Bruce
APPLICANT: Wallace, Robert Bruce
APPLICANT: Coseman, Jeffrey
APPLICANT: French, Cynthia
TITLE OF INVENTION: Lyophilization of Cultured Human Cells
TITLE OF INVENTION: to Preserve RNA and DNA
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-295-509B-4
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Best Local &
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INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: 3.5 inch disk, 1.4
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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NAME: Michael P. Straher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Capillary Electrophoretic Detection of TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cummins, Lendell
APPLICANT: Freier, Susan M.
APPLICANT: Griffey, Richard
APPLICANT: Srivatsa, Susan C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
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Local Similarity 88.9%;
res 16; Conservarivo
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CITY: Philadelphia
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STRANDEDNESS: single
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REFERENCE/DOCKET NUMBER: ISIS-1395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/295,509B FILING DATE: 24-AUG-1994 CLASSIFICATION: 435
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ZIP: 19103
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nucleic acid
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REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 0255.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPEAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2:
Patent No.
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Best Local S
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                                                                                   SOFTWARE: FastSEQ Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/559 FILING DATE: 15-NOV-1995 CLASSIFICATION: 435
                                                                                                                                                                                                              ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                 ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Rel CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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LOCATION: 13..18
OTHER INFORMATION: /mod_b
OTHER INFORMATION: /note=
OTHER INFORMATION: preser
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ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: CLONING AND EXPRESSION OF TITLE OF INVENTION: BETA APP-C100 RECEPTOR (C100-R) NUMBER OF SEQUENCES: 35
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ELECOMMUNICATION INFORMATION:
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FILING DATE: 27-JUN-1997
CLASSIFICATION: 435
                                                                                                                                                                             COMPUTER: IBM CO-
OPERATING SYSTEM:
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                  REFERENCE/DOCKET NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kozlowski, Michael R.
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                    , Laura A
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88.9%; Pred. No. 1.
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/note= "t at positions 13-18 may be
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FILING DALL:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION MUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Winner, Ellen P
REGISTRATION NUMBER: 89-97
REFERENCE/DOCKET NUMBER: 89-97
TELECOMMUNICATION:
TELECOMMUNICATION: 1070RMATION:
TELECOMMUNICATION 1070RMATION:
TELECOMMUNICATION 1070RMATION:
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                                                                                                  Query Match
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INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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APPLICANT: Guan, Hamping
TITLE OF INVENTION: Starch Encapsulation
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/941,445A
FILING DATE: 30-SEP-1997
                                                                                                                                                      MOLECULE TYPE:
HYPOTHETICAL:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: DNA
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LENGTH: 18 base pairs
                                                                Local Similarity
nes 16; Conserv
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                                                                                                                                                                                                                       TYPE: nucleic acid
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Local Similarity 88.9%;
les 16; Conservative
                                                                                                                                                                                        TOPOLOGY:
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                                1520 АДАЛАДАДАДАДСТАДДА 1537
AAAAAAAAAAAAAAAA 18
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                                                                                                                                                                      ISS: double not relevant PE: cDNA to mRNA
                                                                    Conservative
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                                                                  1.1%; Score 14.8; DB 1;
88.9%; Pred. No. 1.4e+02;
tive 0; Mismatches 2;
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Pred. No. 1.4e+02;
0; Mismatches 2;
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NUMBER OF SEQ ID NOS: 146

SEQ ID NO 70

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
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US-09-280-409-70/c
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APPLICANT: Lex M. Cowsert
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048
CURRENT APPLICATION UNMERS: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                            APPLICATION NUMBER: US/08/6
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
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                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.
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STREET: 8700
CITY: Los Angeles
STATE: California
                             APPLICATION NUMBER: FILING DATE: July 1
                                                                                                                                                                                                                                                  COUNTRY: U.S.A. ZIP: 90071-2066
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 APPLICATION NUMBER:
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                               July 13,
September 2,
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88.9%; Pred. No. 1.40
tive 0; Mismatches
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                                              60/001,135
                                                                                                                  US/08/679,645
 08/300,726
ber 2, 1994
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Best Local Similarity 88.9%;
         APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: WALDURY, RICHARD J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
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STREET: Suite 4700
CITY: Los Angeles
STATE: California
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STRANDEDNESS: single
TOPOLOGY: linear
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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o. 6350934
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633 West Fifth Street
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Merlo, Donald J.
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(213)
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Pred. No. 1.
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Patent No. 6410321
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Parent, Annette 2,058
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 0255
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
TELEFAX: (415) 576-0300
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                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
operating system: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
CLASSIFICATION: CUnknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
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ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Lyophilization of Cultured Human Cells to Preserve RNA and DNA
                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
 SEQUENCE DESCRIPTION:
                                                                                                        FEATURE
                                                                                                                      MOLECULE TYPE:
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Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
            LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
present or absent"
                                                                                                                                                     LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
STATE: California
                                                                                 NAME/KEY: modified base
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08/884,029 FILING DATE: 27-JUN-1997
                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Cossman, Jeffrey
French, Cynthia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Wallace,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  single
                                                                                                                        DNA
                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ching-I Patsy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Robert Bruce
SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1169:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                02558B-059100US
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Query Match

1.1%;

Score 14.8;

DB 1;

Length 18;

Best Local Similarity

Pred. No. 1.4e+02;

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CURRENT APPLICATION NUMBER: US/09/370,541
CURRENT FILING DATE: 1999-08-09
EARLIER APPLICATION NUMBER: 09/130,973
EARLIER APPLICATION NUMBER: 09/016,520
EARLIER APPLICATION NUMBER: 09/016,520
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 09/344,260
EARLIER APPLICATION NUMBER: 09/344,260
EARLIER FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-619-103-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 14, Application US/09370541
Patent No. 6639062
GENERAL INFORMATION:
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                                                                                                                                      SOFTWARE: PatentIn
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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Patent No. 6429300
OTHER INFORMATION: Description of Artificial Sequence: antisense OTHER INFORMATION: sequence -09-370-541-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lobse, Peter
APPLICANT: Wagner, Richard
TITLE OP INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminoxxy-Modified Nucleosidic Compounds And Oligomeric
TITLE OF INVENTION: Compounds Prepared Therefrom
FILE REFERENCE: ISIS3993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE:
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                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity hes 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAAAAAAAAAAAAAAA 18
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Conservative
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                                                                                                                                                           Ver. 2.0
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Pred. No. 1.4e+02;
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US-10-125-295-9/c
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Best Local S
Matches 16
                                         Best Loc
Matches
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Patent No. 6686460
GENERAL INFORMATION:
                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHOX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIF: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PStentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
APPLICATION NUMBER: US 08/884,029
FILING DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:
     1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1520 ААЛАЛАЛАЛАЛАГТАЛАЛ 1537
                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Lyophilization of Cultured Human Cells
                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lin, Ching-I Patsy
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                                           16;
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                                                                                                                                                NAME/KEY: modified_base
LOCATION: 13.18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
present or absent"
                                                                                                                                                                                                                                                                                               LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Parent, Annette S. REGISTRATION NUMBER: 42,058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/10/125,295 FILING DATE: 17-Apr-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: California
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                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Wallace, Robert Bruce
Cossman, Jeffrey
French, Cynthia
                                                                                                                                                                                                                                                                                  linear
                                                           1.1%;
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                                         0;
                                         Score 14.8; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 2
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Pred. No. 1.4e+02,
0; Mismatches
                                                                                DB 1;
                                                                            Length 18;
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                                           Indels
                                           0;
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                                           Gaps
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18 AAAAAAAAAAAAAAA 1

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US-09-142-108C-27/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; FEATURE:
; OTHER INFORMATION: Poly-a tail
US-09-803-263-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Complement of poly-a tail US-09-803-263-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 76
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                  Sequence 27, Application US/09142108C
PATENT NO. 6774285
GENERAL INFORMATION:
APPLICANT: Brugliera, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Michael Z.
APPLICANT: Michael Z.
APPLICANT: Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 674513-2003.1
CURRENT APPLICATION NUMBER: US/09/803,263
CURRENT FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/09803263

Sequence 6, Application US/09803263

Sequence 7,06476

GENERAL INFORMATION:

APPLICANT: Thirstrup, Kenneth

TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'

TITLE OF INVENTION: Adapter Mediated Amplification

FILE REFERENCE: 674513-2003.1

CURRENT APPLICATION NUMBER: US/09/803,263

CURRENT FILING DATE: 2001-03-09

NUMBER OF SEQ ID NOS: 19

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6

LENGTH: 18
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Patent No. 6706476
GENERAL INFORMATION:
APPLICANT: Thirstrup, Kenneth
TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
TITLE OF INVENTION: Adapter Mediated Amplification
                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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Best Local Similarity
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
REFERENCE: 11658
                                                                                                                                                                                                                                                                                                                                  1520 AAAAAAAAAAAAGTAAAA 1537
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Pred. No. 1.4e+02;
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Pred. No. 1.
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RESULT 79
PCT-US94-05407-4/c
Sequence 4, Application PC/TUS9405407
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-500-700-68
                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.1 SEQ ID NO 68
                                                                                                                                                                                                                                                                     Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: WRIGHT, Peter E.

TITLE OF INVENTION: ZINC FINCER PROTEIN DERIVATIVES AND METHODS THEREFOR FILE REPERBUCE: SCRIPTIGO-4

CURRENT APPLICATION NUMBER: US/09/500,700

CURRENT FILING DATE: 2003-01-10

PRIOR APPLICATION NUMBER: US 08/663,813

PRIOR FILING DATE: 1997-05-27

PRIOR APPLICATION NUMBER: US 08/676,318

PRIOR APPLICATION NUMBER: US 08/676,318

PRIOR PRIOR APPLICATION NUMBER: PCT/US95/00829

PRIOR PRIOR PRIOR DATE: 1996-01-18

PRIOR APPLICATION NUMBER: US/08/18,312,604

PRIOR APPLICATION NUMBER: US/08/18,3119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/142,108C CURRENT FILING DATE: 1998-09-01 PRIOR APPLICATION NUMBER: PN8386 PRIOR FILING DATE: 1996-03-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 45 SOFTWARE: PatentIn Ver. :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1994-01-18
NUMBER OF SEQ ID NOS: 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: THE SCRIPPS RESEARCH INSTITUTE APPLICANT: BARBAS III, Carlos F. APPLICANT: GOTTESFELD, Joel M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: (GCG) 6 probe
                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 18
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TITLE OF INVENTION:
                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1519 ТАЛАЛАЛАЛАЛАГТАЛА 1536
                                                                                                                                                                                                                427 GCGGCTGCGGCGCCGGCG 444
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                                                                                                                                                                            Similarity
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                                                                                                                                                                                                                                                      Conservative
                    "NUCLEIC ACID TAGGED IMMUNOASSAY"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.1%; Score 14.8;
88.9%; Pred. No. 1
                                                                                                                                                                                                                                                                         1.1%; Score 14.8;
88.9%; Pred. No. 1.
                                                                                                                                                                            18
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                                                                                                                                                                                                                                                                                           DB 1;
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                                                                                                                                                                                                                                                                                           Length 18;
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CORRESPONDENCE ADDRESS:

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US-08-756-728A-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/08756728A Patent No. 5821354 GENERAL INFORMATION:
                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPARTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/756,728A
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1398-1-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.1%; Score 14.8; DB 1; Best Local Similarity 88.9%; Pred. No. 1.4e+02; Matches 16; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05407
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/061,694
FILING DATE: 13-MAY-1993
INFORMATION FOR SEG ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                             TELEX: 133521
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Leclerc, Guy
APPLICANT: Martel, Remi
TITLE OF INVENTION: RADIOLABELED DNA OLIGONUCLEOTIDE, METHOD
TITLE OF INVENTION: OF PREPARATION AND THERAPEUTIC USES THEREOF
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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CITY: Hackensack
STATE: New Jerse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
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STREET: Suite 1200, 127 Peachtree Street
STRANDEDNESS:
  JENGTH: 19 Daug
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            411 Hackensack Avenue, 4th Floor
                                                                                                                              201-343-1684
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US-08-469-852A-2/c
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                                                                                                                                            US-08-469-852A-2
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Patent No.
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                                                                      Matches 16;
                                                                                                     Query Match
                                                                                                                                                                                                                                TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/
FILING DATE: 06-UN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRILICATION NUMBER: 08/295
FILING DATE: 24-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
NAME: Michael P. Straher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "PRIMER"
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MEDIUM TYPE: 3.5 inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213ris LLP STREET: One Liberty Place - 46th Floor CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Freier, Su
APPLICANT: Griffey, R
APPLICANT: Srivatsa,
                                                                                                                                                                                                                                                                                    TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Capillary Electrophoretic Detection of TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                   Match 1.1%;
Local Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2015
                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                  TELEPHONE:
                                                                                                                                                                                                                                                                                                                                       NAME: Michael P. Str
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: PA
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                                                                                                                                                                                                             LENGTH:
                                 1520 АЛАЛАЛАЛАЛАЛ 1537
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AAAAAAAAAAAAAAA 2
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                                                                      Conservative
                                                                                                                                                                                                                                                                     215-568-3439
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                                                                                                                                                             linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US/08/469,852A
                                                                    0; Mismatches
                                                                                     Score 14.8;
Pred. No. 1.
                                                                                     1.5e+02
                                                                                                         DB 1;
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                                                                    Indels
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                                                                      Gaps
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RESULT 82 US-08-271-882B-16/c ; Sequence 16, Application US/08271882B

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RESULT 83
US-08-295-509B-2/c
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                       Sequence 2, Application US/08295509B Patent No. 6045995
                                                  GENERAL INFORMATION:
APPLICANT: Cummins, Lendell L.
APPLICANT: Freier, Susan M.
APPLICANT: Griffey, Richard
APPLICANT: Stivatea, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection of
TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Ronald G. S.
TITLE OF INVENTION: SE
TITLE OF INVENTION: MI
TITLE OF INVENTION: MI
TITLE OF INVENTION: DE
TITLE OF INVENTION: AN
TITLE OF INVENTION: AN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,882B
FILING DATE: July 7, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 07
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                 NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/146,504
FILING DATE: No. 6017696ember 1, 1993
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic TYPE: acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Murphy, David B REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
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ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                       1520 АААААААААААСТААА 1537
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: California
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris
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SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND
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Pred. No. 1.5e+02;
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RESULT 85
US-09-016-520-20/c
; Sequence 20, Application US/09016520A
; Patent No. 6127533
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CURRENT APPLICATION NUMBER: US/09/234,237
CURRENT FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
                                                                                                                                                      Matches
                                                                                                                                                                    Query Match
Best Local :
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Best Local (
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APPLICANT: Cummins, Lendell L
TITLE OF INVENTION: Fluorescence Based Nuclease Assay
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/25
FILING DATE: 24-AUG. 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                   LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                            FEATURE:
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NAME: Michael P. Straher
REGISTRATION NUMBER: 38,3
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STRANDEDNESS: single
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88.9%; Pred. No. 1
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Pred. No. 1
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APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISISJ824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SECTIMARE: Patentin Ver: 2.1
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US-09-016-520-21/c
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Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Amincoxy-Modified Oligonucleotides
FILE REFERENCE: ISISS824
                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 19
                                                                                                   Query Match
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                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence -09-016-520-21
                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/016,520A CURRENT FILING DATE: 1998-01-30 EARLIER APPLICATION NUMBER: 60/037,143 EARLIER FILING DATE: 1997-02-14 NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER_INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                  TYPE: DNA
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LOCATION: (15)..(18)
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Pred. No. 1.5e.
O; Mismatches
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RESULT 87

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19 AAAAAAAAAAAAAAAAA 2

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APPLICANT: COOK, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver: 2:1
                                                                                                             ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence US-09-016-520-23
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                                                                                                                                                                                                                                                                                              SEQ ID NO 23
LENGTH: 19
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                                                          Query Match
Best Local (
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)...(18)
                                         Matches
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: 60/037,143 EARLIER FILING DATE: 1997-02-14
                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                FEATURE:

NAME/KEY: misc feature

LOCATION: (16)...(19)

OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy

FEATURE:
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                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                          Local Similarity
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 1520 АДАДАДАДАДАДСТАДАД 1537
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                                                      Score 14.8;
Pred. No. 1
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Pred. No. 1
                                           Mismatches
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APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION. Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 25
                                                                             ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence US-09-016-520-25
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 25, Application US/09016520A Patent No. 6127533
Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                         FEATURE:

NAME/KEY: misc_feature

LOCATION: (16)...(19)

OTHER INFORMATION: 5-methyl-2'-O-propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
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LOCATION: (16)..(19)
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                                                                                                                                           FEATURE:
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Pred. No. 1.5e+02;
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EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 26
                                                                                                                                                                                                                    SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Best Local 9
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Patent No. 6127533
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/016,520A CURRENT FILING DATE: 1998-01-30 EARLIER APPLICATION NUMBER: 60/037,143 EARLIER FILING DATE: 1997-02-14 NUMBER OF SEQ ID NOS: 47
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                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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                                                                   FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)
OTHER_INFORMATION: 5-methyl-2'-methoxyethoxy
                                                                                                                                                           LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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NAME/KEY: misc_feature
LOCATION: (18)
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                    Description of Artificial Sequence: Synthetic Sequence
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Pred. No. 1.5e+02;
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Query Match

1.18;

Score 14.8;

DB 1;

Length 19;

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Sequence 33, Application US/09016520A

Patent No. 6127533

GENERAL INFORMATION:

APPLICANT: Cook, Phillip D

APPLICANT: Manoharan, Muthiah

APPLICANT: Kawasaki, Andrew

TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides

FILE REFERENCE: ISIS2824

CURRENT APPLICATION NUMBER: US/09/016,520A

CURRENT FILING DATE: 1998-01-30

EARLIER APPLICATION NUMBER: 60/037,143

EARLIER APPLICATION NUMBER: SOPTWARE: PILING DATE: 1997-02-14

NUMBER OF SEQ ID NOS: 47

SOPTWARE: Patentin Ver. 2.1

SEQ ID NO 33

LENGTH: 19

TYPE: CNP
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APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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SEQ ID NO 31
LENGTH: 19
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CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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NAME/KEY: misc_feature
LOCATION: (16) ... (19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence
                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                          FEATURE:
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Conservative
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Pred. No. 1.
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                                                                                                                           SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 44
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
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                                                        TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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LOCATION: (16)..(19)
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISISSB24
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence
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Pred. No. 1
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Pred. No. 1
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Fatent No. 6172209

Fatent No. 6172209

GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Newsaki, Andrew M
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955

CURRENT APPLICATION NUMBER: US/09/130,973

CURRENT FILING DATE: 1998-08-07

NUMBER OF SEQ ID NOS: 58

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 20

LENGTH: 19

TYPE: Num.
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CURRENT APPLICATION NUMBER: US/09/378,568
CURRENT FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 19
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew M
APPLICANT: Cook, Phillip Dan
APPLICANT: Fraser, Allister S
APPLICANT: Fraser, Allister S
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: 2
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Best Local S
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Best Local Similarity
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LOCATION: (15)..(18)
NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5 methyl, 2'-aminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence:
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                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                              FEATURE:
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Local Similarity 88.9%;
nes 16; Conservative
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Pred. No. 1
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                                                                                              SOFTWARE: P. SEQ ID NO 22 LENGTH: 19
                                                                                                                                                                                                        APPLICANT: Manoharan, Muthiah APPLICANT: Cook, Phillip Dan APPLICANT: Prakash, Thazha P APPLICANT: Kawasaki, Andrew M TITLE OF INVENTION: Aminooxy-Modi-TITLE OF INVENTION: Making Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 19
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Best Local
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Best Local
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                                                                                                                                                            CURRENT FILING DATE: 1998-08-07
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TITLE OF INVENTION:
FILE REFERENCE: ISI
                                                                                                                                               NUMBER OF SEQ ID NOS:
                                                                                                                                                                                            FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:

NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5 methyl, 2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
NAME/KEY: misc feature LOCATION: (15)..(18) OTHER INFORMATION: 2'-C
                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                TYPE: DNA
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Local Similarity 88.9%;
hes 16; Conservative
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ISIS2955
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 2'-O-methoxyethyl (MOE)
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88.9%;
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Pred. No. 1.5e
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Pred. No. 1
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) OTHER INFORMATION: Description of Artificial Sequence: ) OTHER INFORMATION: Sequence US-09-130-973-22
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US-09-130-973-24/c
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US-09-130-973-23/c
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SEQ ID NO 23
LENGTH: 19
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APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Rawasaki, Andrew M
APPLICANT: Kawasaki, Andrew M
APPLICANT: Maninoxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
                                                                                                                                                                                                                                                                                                                         Sequence 24, Application US/09130973 Patent No. 6172209
GENERAL INFORMATION:
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Best Local S
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                                                                                                       FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
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Best Local Similarity
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CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                  TITLE OF INVENTION: Aminooxy-Mo
                                                                                                                                                                                                                                                     APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  09-130-973-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-O-dimethylaminooxyethyl
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
FEATURE:

NAME/KEY: misc_feature
LOCATION: (16)...(19)
                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                            ENGTH: 19
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hes 16; Conservative
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Pred. No. 1.5e
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Pred. No. 1.5e+02
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; OTHER INFORMATION: 2'-O-methoxyethyl ; OTHER INFORMATION: Description of Artificial Sequence ; OTHER INFORMATION: Sequence US-09-130-973-24
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 25
LENGTH: ...
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                                                              APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER: OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 26
LENGTH: 19
TYPE: NY
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Best Local
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APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
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NAME/KEY: misc feature
LOCATION: (16)...(19)
OTHER INFORMATION: 2'-O-propyl
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
FEATURE:
NAME/KEY: misc_feature
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                                  ORGANISM: Artificial Sequence
                                                     TYPE: DNA
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Pred. No. 1.5e
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Pred. No. 1
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Sequence 31, Application US/09130973
Patent No. 6172209
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Andrew M
ITTLE OF INVENTION: Aminooxy-Modified Oligo
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISI22955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
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US-09-130-973-31/c
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Best Local S
Matches 16
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Best Local (
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SEQ ID NO 27
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APPLICANT: Cook, Phillip Dan
APPLICANT: Prakaski, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (18)
OTHER INFORMATION: 5 methyl, 2'-0-methoxyethyl
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
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OTHER INFORMATION: 5 methyl, 2'-dimethylaminooxyethyl
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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16; Conserv
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Pred. No. 1.5e+02;
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Pred. No. 1.5e+02;
0; Mismatches 2
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                                   NUMBER: Par
SOFTWARE: Par
; SEQ ID NO 34
* THE THE 19
                                                                                                                                                    APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modi
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
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Best Local S
Matches 16
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SEQ ID NO 33
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Manoharan, Muthiah
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                                                                                                                                                                                                                                                                                                                     Sequence 34, Application US/09130973 Patent No. 6172209
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APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods
                                                                                          CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
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CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
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OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE)
OTHER INFORMATION: Description of Artificial Sequence: No. 617220
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:

NAME KEY: misc feature

LOCATION: (16)..(19)

OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE)

OTHER INFORMATION: Description of Artificial Sequence: No. 617220

OTHER INFORMATION: Sequence
                    TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                              PatentIn Ver. 2.1
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                                                                                                                                                                                                 Aminooxy-Modified Oligonucleotides
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Pred. No. 1.
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: 1
OTHER INFORMATION: Sequence
NAME/KEY: misc_feature
LCCATION: (15)...(18)
OTHER INFORMATION: 2'-O-methyleneiminooxyethyl thymidine
US-09-130-973-44
                                                                                                                                                                                                                                                                                                             US-09-477-902-20/c
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US-09-130-973-44/c
                                                                                                                                                                                                                                                Sequence 20, Application US/09477902
Patent No. 6194598
GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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            CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                  APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
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LOCATION: (16)..(19)
OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE)
OTHER INFORMATION: Description of Artificial Sequence: No. 617220
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
nes 16; Conserv
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PatentIn Ver.
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Kawasaki, Andrew N
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Pred. No. 1.5e
O; Mismatches
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Pred. No. 1.5e+02;
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APPLICANT: Manoharan, Mithiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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                                                                                                                                                                                                          Sequence 22, Application US/09477902
Patent No. 6194598
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 21
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local
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APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
NAME/KEY: misc feature
NAME/KEY: (15)..(18)
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
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FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
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Similarity 88.9%;
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Manoharan, Muthiah
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Pred. No. 1
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Pred. No. 1.5e+02
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US-09-477-902-24/c
; Sequence 24, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminooxy-Modified
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                                                                                                                                           RESULT 114
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CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
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PATENT NO. 6194598
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISISS824
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Best Local Similarity
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LENGTH: 19
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NAME/KEY: misc_feature
NAME/KEY: misc_feature
LOCATION: (16) _ (19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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Local Similarity 88.9%;
les 16; Conservative
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   Aminooxy-Modified Oligonucleotides
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Pred. No. 1.5e+02;
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; NAME/KEY: misc_feature; LOCATION: (16)..(19); LOCATION: 18-methyl-2'-methoxyethoxy; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence
US-09-477-902-24
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SEQ ID NO 24
; SEQ ID NO 24
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CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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                                                                       Matches
                                                                                       Query Match
Best Local 9
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LENGTH: 19
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
SOFTWARE: Patentin Ve
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CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
                                                                                                                                                   FEATURE:
NAME/KEY: misc feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-0-propyl
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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88.9%; Pred. No. 1.5e+02;
tive 0; Mismatches 2
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                                                                                       Score 14.8;
Pred. No. 1
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RESULT 116 US-09-477-902-26/c

Sequence 26, Application US/09477902 Patent No. 6194598

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APPLICANT: Cook, P
APPLICANT: Manohar
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Patent No. 6194598
                                                                                      Query Match
Best Local
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SEQ ID NO 26
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                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
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PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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CURRENT FILING DATE: 2000-01-05
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APPLICANT: Kawasaki, Andrew
APPLICANT: Kawasaki, Andrew
Aminooxy-Modified Oligonucleotides
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LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                                                                          OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                                                                                                                               FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)
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                                                                                                                                                                                                                                                                                          TYPE: DNA
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ITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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Kawasaki, Andrew
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                                                                                      1.1%;
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Pred. No. 1.5e.
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Pred. No. 1.
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; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy US-09-477-902-33
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Query Match
Best Local Similarity 85.2
Conservative
                                                                                                                                                                                                                                                                                  SEQ ID NO 33
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APPLICANT:
APPLICANT:
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Best Local :
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                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1997-0
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                      SOFTWARE:
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TITLE OF INVENTION:
FILE REFERENCE: ISI
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence NAME/KEY: misc_feature LOCATION: (16) (19)
                                                                                                                                                                                                          LENGTH: 19
TYPB: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 88.9%;
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Kawasaki, Andrew
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                                           1.1%;
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                        ; Score 14.8; D
; Pred. No. 1.5e
0; Mismatches
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Pred. No. 1.5e+02;
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АЛАЛАЛАЛАЛА 1537

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APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1997-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence; NAME/KEY: misc feature; LOCATION: (16)...(19); OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy US-09-477-902-34
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                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver.
SEQ ID NO 44
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GENERAL INFORMATION:
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SOFTWARE: PatentIn Ve
SEQ ID NO 34
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APPLICANT: COOK, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
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CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
                    OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence NAME/KEY: misc_feature LOCATION: (15)...(18)
                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                            FEATURE:
OTHER INFORMATION: 2'-methyleneiminooxyethoxy
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nes 16; Conserv
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ilarity 88.9%;
Conservative
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Pred. No. 1.
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US-08-726-278-16/c
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LENGTH: 19
                                                   EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION UMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 515
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 515, Application US/09338907 Patent No. 6265546
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TITLE OF INVENTION: METHODS EDECTRONIC TRANSPORT IN MOLECULAR
TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
CURRENT APPLICATION NUMBER: US/08/726,278
CURRENT FILING DATE: 1996-10-04
PRIOR APPLICATION NUMBER: 08/271,882
PRIOR FILING DATE: 1994-07-07
                                                                                                                                                                                FILE REFERENCE: GENSET.18CP1CP
CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
                                                                                                                                                                                                                                                                                              APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
APPLICANT: Bougueleret CANCER GENE
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TYPE: DNA ORGANISM: Homo Sapiens FEATURE:
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Evans, Glen A.
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88.9%;
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Pred. No. 1
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Pred. No. 1.5e+02;
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Sequence 6, Application US/09123108

Patent No. 6271338

GENERAL IMPORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Boswell, Herb
TITLE OF INVENTION: RNA TARGETED 2'-MODIFIED OLICONUCLEOTIDES THAT ARE
TITLE OF INVENTION: CONFORMATIONALLY PREORGANIZED
FILE REFERENCE: ISIS-3147 sequence listing
CURRENT APPLICATION NUMBER: US/09/123,108
CURRENT FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; NAME/KEY: misc_feature
; LCCATION: 1..19
CTHER INFORMATION: potential microsequencing oligo for 4-52-163.mis2
US-09-338-907-526
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 526, Application US/09338907
Patent No. 6265546
GENERAL INFORMATION:
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SEQ ID NO 526
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LOCATION: 1..15
OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
-09-338-907-515
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EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
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CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
les 16; Conserv
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ilarity 88.9%;
Conservative
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pred. No. 1.5e
0; Mismatches
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Pred. No. 1.5e+02;
0; Mismatches 2
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RESULT 126
US-09-378-665A-5/c
; Sequence 5, Application US/09378665A
---ant No. 6277982
                                                                                                                              APPLICANT: Collingwood, Stephen P.
APPLICANT: Moser, Heinz E.
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Douglas, Mark E.
TITLE OF INVENTION: Intermediates for oligonucleotides
FILE REFERENCE: 4-2990/A/MA2134/PCT
CURRENT APPLICATION NUMBER: US/99/202,294
CURRENT FILING DATE: 1999-03-15
EARLIER APPLICATION NUMBER: PCT/GB97/01490
EARLIER FILING DATE: 1997-06-03
NUMBER: OF SEQ ID NOS: 6
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                                                                          SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 19
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CURRENT FILING DATE: 1999-08-20
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
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Best Local
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APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Alkylation of Alcohols, Amines, Thiols and Their
TITLE OF INVENTION: Derivatives by Cyclic Sulfate Intermediates
FILE REFERENCE: ISIS4072
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OTHER INFORMATION: 2'-modified T
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE: OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
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                                          ORGANISM: Artificial Sequence
                                                               TYPE: DNA
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Local Similarity 88.9%;
les 16; Conservation
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Jung, Michael E.
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Pred. No. 1.5e+02;
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Pred. No. 1
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Sequence 526, Application US/09218207

Patent No. 6346381

GENERAL INFORMATION.

APPLICANT: Cohen, Daniel

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Blumenfeld, Marta

APPLICANT: Blumenfeld, Marta

APPLICANT: Bougueleret, Lydie

TITLE OF INVENTION: Prostate cancer gene

FILE REFERENCE: GENSET.018CP1

CURRENT APPLICATION NUMBER: US/09/218,207

CURRENT FILING DATE: 1998-12-22

EARLIER APPLICATION NUMBER: 08/996,306

EARLIER APPLICATION NUMBER: 08/996,306

EARLIER APPLICATION NUMBER: 60/099,658

EARLIER FILING DATE: 1998-09-09

NUMBER OF SEQ ID NOS: 578

SOFTWARE: Patent.pm

SEC ID NOS: 578
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US-09-218-207-526
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Best Local Similarity
Matches 16; Conserv
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SOFTWARE: Patent.pm
SEQ ID NO 515
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Best Local
                                                          SEQ ID NO 526
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EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET.018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
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TYPE: DNA
ORGANISM: Homo Sapiens
                                        ENGTH:
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Pred. No. 1
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Pred. No. 1.
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.5e+02;
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US-09-303-586-16/c
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                                SEQ ID NO 16
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                         Sequence 16, Application US/09303586 Patent No. 6369209
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Patent No. 6369209
                                                                                                   CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                       TITLE OF INVENTION: Oligonucleotides Having FILE REFERENCE: ISIS3310
                                                                                                                                                                                                          APPLICANT: Manoharan, Muthiah APPLICANT: Mohan, Venkatraman
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NUMBER OF SEQ ID NOS: 34
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CURRENT APPLICATION NUMBER: US/09/303,586
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational (
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LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-52-163.mis2
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LOCATION: (18)..(19)
OTHER INFORMATION: 3' - O-MOE linkage
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NAME/Key: misc_feature
LOCATION: (17)...(18)
OTHER INFORMATION: 3' - O-MOE linkage
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OTHER_INFORMATION: Oligonucleotide
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LOCATION: (16)..(17)
NAME/KEY: misc_feature
                   FEATURE:
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Pred. No. 1.5e+02;
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US-09-303-586-18/c
; Sequence 18, Application US/09303586
; Patent No. 6369209
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; Sequence 17, Application US/09303586
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CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 17
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APPLICANT: Mancharan, Muthiah
APPLICANT: Mohan, Venkatraman
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Best Local
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LOCATION: (16)...(17)
OTHER INFORMATION: 2' - O
NAME/KEY: misc_feature
LOCATION: (17)...(18)
APPLICANT: Manoharan, Muthiah
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LOCATION: (19)..(19)
OTHER INFORMATION: 3'
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NAME/KEY: misc_feature
LOCATION: (18)...(19)
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LOCATION: (15) (16)
OTHER INFORMATION: sub O linkage
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FEATURE:
RAMEKKEY: misc_feature
OTHER INFORMATION: Oligonucleotide
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OTHER INFORMATION: 2' -
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LOCATION: (17)..(18)
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OTHER INFORMATION: 3' -
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; OTHER INFORMATION: 2'
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                                                                                                                                                                                                                                                                                                                         SEQ ID NO 26
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Best Local Similarity
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CURRENT FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Mohan, Venkatraman TITLE OF INVENTION: Oligonucleotides Having
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NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
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OTHER INFORMATION: 2' -
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 OTHER INFORMATION:
                 NAME/KEY: misc_feature
LOCATION: (19)..(19)
                                                     NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER_INFORMATION: 2'-modified T linkage
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OTHER INFORMATION: 2'-modified T linkage
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LOCATION: (19)..(19)
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OTHER INFORMATION: 2' -
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LOCATION: (15)..(16)
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Matches 16; Conserva
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                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/09227782 Patent No. 6403779
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SEQ ID NO 1
LENGTH: 19
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Patent No. 6403779
GENERAL INFORMATION:
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Best Local
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APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
FILE REFERENCE: ISIS3315
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
                                                                                                                                                                                                                                                        APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-0-Modified Nucleosides
                                                                                                                                                                                                                                                                                                               APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
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APPLICANT: Fraser, Allister
                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
                                    NAME/KEY: misc_feature LOCATION: (15)..(18)
                                                                         FEATURE:
                                                                                                                                LENGTH:
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LENGTH: 19
TYPE: DNA
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LENGTH: 19
TYPE: DNA
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Best Local S
Matches 16
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Matches
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APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                 APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                    FILE REFERENCE: ISIS3315
PRATURE:

NAME/KEY: misc feature

LOCATION: (16)..(19)

OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy

OTHER INFORMATION: Description of Artificial Sequence: No.
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NAME/KS: misc_feature
NAME/KS: misc_feature
LOCATION: (15) . (18)
OTHER INFORMATION: 2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
                                                                                              ORGANISM: Artificial Sequence
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Query Match

1.1%;

Score 14.8;

DB 1;

Length 19;

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; FEATURE:
, NAME/KEY: misc feature
, LOCATION: (16)...(19)
, COTHER INFORMATION: 5- methyl- 2'-O-propyl
, OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-6
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; NAME/KEY: misc_feature
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence US-09-227-782-5
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US-09-227-782-5/c
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APPLICANT: Kawasaki, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
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Best Local Similarity
Matches 16; Conser
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
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CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
Query Match
Best Local Similarity
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APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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0; Mismatches 2;
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Pred. No. 1
Score 14.8; DB 1;
Pred. No. 1.5e+02;
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; NAME/KBY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. US-09-227-782-7
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                 Query Match
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                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                     APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, muthiah
APPLICANT: Cook, Phillip D
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TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
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APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                  OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                 NAME/KEY: misc_feature
LOCATION: (18)
            Local
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Description of Artificial Sequence: No.
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Score 14.8; DB 1;
Pred. No. 1.5e+02;
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Pred. No. 1.5e+02;
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; COTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. US-09-227-782-12
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 12
Query Match
Best Local Similarity
Matches 16; Conserv
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CURRENT FILING DATE: 199-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 14
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Best Local Similarity
Matches 16; Conserv
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                                                                PEATURE:
NAME/KEY: misc_feature
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence-
09-227-782-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS315
                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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                 Score 14.8; DB 1;
Pred. No. 1.5e+02;
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Pred. No. 1
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TITLE OF INVENTION: Rejoselective Synthesis of 2'-O-Modified Nucleosides;
FILE REFERENCE: ISIS3315
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 19
TYPE: PN**
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 25
                Query Match
Best Local (
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   Matches
                                  PERTURE:
FERTURE:
PERTURE:
PERTURE:
NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 2'-methyleneiminooxyethoxy
OTHER INFORMATION: Description of Artificial /
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Best Local (
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APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
                                                                                                                                                                                                                                                                                    APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of
FILE REFERENCE: ISIS3315
                                                                                                                                                                        LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
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NAME/KEY: misc_feature
LOCATION: (16)..(19)
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ORGANISM: Artificial Sequence
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                Score 14.8;
Pred. No. 1
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Pred. No. 1.5e+02;
   Mismatches
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                                                                            Sequence:
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Query Match
Best Local Similarity
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; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-25
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                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PATENTIN VEY: 2.1
SEQ ID NO 32
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                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Primer
3-09-553-231-32
                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: PREUSS, DAPHNE
APPLICANT: COPENHAVER, GREGORY
APPLICANT: COPENHAVER, GREGORY
TITLE OF INVENTION: PLANT ARTIFICIAL CHROMOSOME COMPOSITIONS AND METHODS
FILE REFERENCE: ARCD:257--2
CURRENT APPLICATION NUMBER: US/09/553,231
CURRENT FILING DATE: 2000-04-19
PRIOR APPLICATION NUMBER: 60/073,741
PRIOR APPLICATION NUMBER: 60/078,741
PRIOR APPLICATION NUMBER: 60/078,741
PRIOR APPLICATION NUMBER: 60/078,741
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Patent No. 6432647
                                                                                                         Query Match
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                                                                        Matches
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CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
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APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Rich
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TYPE: DNA
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                                                                                                                                                                                                                                                             ENGTH:
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                                 1535 AAAGGGAAGGCAGGATGT 1552
18
                                                                      l Similarity
16; Conserv
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                                                                        Indels
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OTHER INFORMATION: Oligonucleotide

NAME/KEY: misc feature

LOCATION: (16) ... (19)

OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]

US-09-612-531-3
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                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                            Matches
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APPLICANT:
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                                                                                      Query Match
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TYPE: DNA
ORGANISM: Artificial
FEATURE:
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CURRENT FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: 60/118,564
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods FILE REFERENCE: Isis-4406 CURRENT APPLICATION NUMBER: US/09/612,531 CURRENT FILING DATE: 2000-07-07
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Mancharan, APPLICANT: Cook, Phi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Guzaev, Andrei
                                                                                                                                                                                                               LENGTH: 19
TYPB: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
                           1520 АААААААААААСТААА 1537
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                                                            16;
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                                                                            Similarity
                                                                                                                                                                                                                                                                                                                                                                                                          Prakash, Thazha P.
Mohan, Venkatraman
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Cook, Phil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PatentIn version 3.0
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Cole, Douglas
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                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Improved Process for the Synthesis of Oligomeric Compounds
                                                                         1.1%;
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Pred. No. 1
                                                                         Score 14.8;
Pred. No. 1
                                                            Mismatches
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                                                                            5e+02
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RESULT 149

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                                                                                                                                                                                                                                                                                                                                                                               PILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
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                                                                              Query Match
Best Local
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Patent No. 6534639
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CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakasha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                         OTHER INFORMATION: Oligonucleotide

NAME/KEY: misc_feature
LOCATION: (17)...(17)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
NAME/KEY: misc_feature
LOCATION: (19)...(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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LOCATION: (19)...(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                              Local Similarity
                  1520 AAAAAAAAAAAAGTAAAA 1537
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Conservative
                                                                              1.1%;
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                                                                            Score 14.8; DB 1;
Pred. No. 1.5e+02;
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Pred. No. 1.
                                                              Mismatches
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ORGANIAM: Homo Sapiens
; PEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1.19_
; OTHER INFORMATION: upstream amplification primer 99-3479 for SEQ 3358,
US-09-422-978-7292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-422-978-7292/c; Sequence 7292, Application US/09422978; Patent No. 6537751
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                                                                                  US-10-121-135-5
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-01-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEO IT NOS. 11706
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APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides
FILE REFERENCE: ISIS-5036
                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
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LENGTH: 19
                     Best Local
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Best Local (
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  Matches
                                    Query Match
                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: 09/130,566
PRIOR FILING DATE: 1998-08-07
                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/121,135
CURRENT FILING DATE: 2002-04-11
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                                                                                                      NAME/KEY: misc_feature
iOCATION: (16)..(19)
OTHER INFORMATION: 2'-modified
                                                                                                                                                                                                              LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                      OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                   FEATURE:
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16;
                   Similarity
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  Conservative
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                   1.1%; Score 14.8; DB 1;
88.9%; Pred. No. 1.5e+02;
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Pred. No. 1.5e+02
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                                           DB 1;
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TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides
FILE REFERENCE: ISIS-5036
CURRENT APPLICATION NUMBER: US/10/121,135
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR FILING DATE: 1999-08-06
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26
LENGTH: 19
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Patent NO. 6552178
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
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Best Local Similarity
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APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide
                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PEATURE: misc_feature NAME/KEY: misc_feature LOCATION: (16)..(19)
OTHER INFORMATION: 2'.O-[2-(2-N,N-dimethylaminoethyl) oxyethyl]-5-methyl uridine (2'OTHER INFORMATION: -sub-T)
OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonucleotide NAME/KEY: misc_feature LOCATION: (16)..(18)
OTHER INFORMATION: Modified internucleoside linkage
                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1520 AAAAAAAAAAAAGTAAAA 1537
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Pred. No. 1.5e+02;
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APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
ITITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 199-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
                                                                                                                  ; ORGANISM: Artificial Sequence; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-4
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; NAME/KEY: misc_feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-3
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US-09-349-040A-3/c
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US-09-349-040A-4/c
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APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
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LENGTH: 1
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APPLICANT: Manoharan,
                                                                   Query Match
Best Local (
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Best Local :
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                                                   Matches
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FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
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                                                                                                                                                                                                   LENGTH: 19
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Local Similarity 88.98;
1520 AAAAAAAAAAAAGTAAAA 1537
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88.9%; Pred. No. 1.5
tive 0; Mismatches
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Pred. No. 1.5e+02;
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Pred. No. 1.5e+02
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                                                                     1.5e+02;
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                                                                                    RESULT 161
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              Sequence 18, Application US/09409926 Patent No. 6617442 GENERAL INFORMATION:
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TITLE OF INVENTION: Human Rhase H1 and Oligonucleotide Compositions Thereof
FILE REFERENCE: ISIS4186
CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
LENGTH: 19
LENGTH: 19
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GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
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APPLICANT: Crooke, Stanley T.
APPLICANT: Lima, Walter F.
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Best Local Similarity
Matches 16; Conserv
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CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.0
SEQ ID NO 5
APPLICANT:
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ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: No. 6593466el Sequence
                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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Crooke, Stanley T.
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Pred. No. 1.5e+02;
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Pred. No. 1.5e+02;
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CURRENT APPLICATION NUMBER: US/09/409,926;
CURRENT FILING DATE: 199-09-30;
NUMBER OF SEQ ID NOS: 33;
SOFTWARE: Patentin Ver. 2.1;
SEQ ID NO 18;
LENGTH: 19;
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US-10-123-597-2/c
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Best Local S
Matches 16
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Best Local :
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SOFTWARE: PatentIn version 3.1
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of
FILE REFERENCE: ISISSO40
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                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: NAME/KEY: mlsc_feature LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                          Similarity
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88.9%; Pred. No. 1.
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Sequence 2, Application US/10123597 Patent No. 6624294 GENERAL INFORMATION:

APPLICANT: Cook, Phillip D APPLICANT: Kawasaki, Andrew M APPLICANT: Manoharan, Muthiah

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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
US-10-123-597-2
                                                   RESULT 165
US-10-123-597-4/c
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APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Praker, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
                  Sequence 4, Application US/10123597 Patent No. 6624294
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Best Local :
GENERAL INFORMATION:
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (15). (18)
OTHER INFORMATION: 2'-methoxyethoxy
                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 1
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Pred. No. 1
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Patent No. 6624294
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                                                                                                     Query Match
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description
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                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (16) . (19) OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                 LENGTH: 19
TYPE: DNA
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Similarity 88.9%;
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Manoharan, Muthiah
Prakash, Thazha P
                                                                    Conservative
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Pred. No. 1.5e
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Pred. No. 1.5e+02;
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RESULT 167 US-10-123-597-6/c

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OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct; NAME/KEY: misc_feature; LCCATION: (18) . (18) . (18) . (18) . OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy US-10-123-597-7
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Best Local S
Matches 16
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APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
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                                                                                                   Query Match
Best Local Similarity
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Patent No. 6624294
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Manbharan, Muthiah
APPLICANT: Manbharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OP INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
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PRIOR FILTNG DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-0-Modified Nucleosides
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                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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OTHER INFORMATION: 5-methyl-2'-O-propyl
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                                                                                                                                                                                                                                                                       FEATURE:
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  AAAAAAAAAAAAAAA 2
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Prakash, Thazha P
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Pred. No. 1.5e+02;
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Pred. No. 1.5e+02
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US-10-123-597-8/c
                                                                                                                                                 US-10-123-597-12
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US-10-123-597-12/c
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PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 12
LENGTH: 19
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GENERAL INFORMATION:
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISISS040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
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TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS5040
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OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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LOCATION: (18)...(18)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
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Manoharan, muu-
Manohar
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Prakash, Thazha P
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Manoharan, Muthiah
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   Conservative
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FILE REFERENCE: ISISSO40

CURRENT APPLICATION NUMBER: US/10/123,597

CURRENT FILING DATE: 2002-07-10

PRIOR APPLICATION NUMBER: 09/227,782

PRIOR FILING DATE: 1999-01-08

NUMBER OF SEQ ID NOS: 28

SOFTWARE: PALENCIN Version 3.1

SEQ ID NO 15

LENGTH: 19
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US-10-123-597-15/c
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uest Local Similarity 88.9%;
Matches 16; Conservation
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APPLICANT: Cook, Phillip
APPLICANT: Kawasaki, And
APPLICANT: Manoharan, Mu
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Query Match
Best Local Similarity
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Praksah, Thazha P
APPLICANT: Praksah, Thazha P
APPLICANT: Praksah, Thazha P
APPLICANT: Praksah, Thazha P
APPLICANT: Isaser, Allister S
FILE REFERNCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT APPLICATION NUMBER: 0902-07-10
PRIOR APPLICATION NUMBER: 090227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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LOCATION: (16)..(19)
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                                                                                                                                                                                                                        TYPE: DNA
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1.1%;
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Pred. No. 1.
Score 14.8; DB 1;
Pred. No. 1.5e+02;
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                     Length 19;
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; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence US-09-349-033A-1
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                                                                                                                                                 APPLICANT: An, Haoyun
TITLE OF INVENTION: C3.4-Methylene Hydrogen Phosphonate Oligomers and Related Compounds
FILE REFERENCE: ISIS-3312
CURRENT APPLICATION NUMBER: US/09/349,033A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local
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                                                                    Query Match
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: 15355040
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APPLICANT: Manoharan, Muthiah
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 2'-methyleneiminooxyethoxy
                                                  Local Similarity
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 1520 AAAAAAAAAAAAGTAAAA 1537
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                                    Conservative
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                                                      Score 14.8; DB 1;
Pred. No. 1.5e+02;
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Pred. No. 1.5e+02
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APPLICANT: GLINOS, Charles J.
TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4289
CURRENT APPLICATION NUMBER: US/09/435,806
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: US 09/115,043
PRIOR APPLICATION NUMBER: US 09/115,043
PRIOR APPLICATION NUMBER: US 08/602,862
PRIOR APPLICATION NUMBER: US 08/602,862
PRIOR FILING DATE: 1998-07-14
PRIOR FILING DATE: 1998-07-28
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.2
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
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; OTHER INFORMATION: Synthetic construct
US-09-435-806-6
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PRIOR FILING DATE: 1996-02-28
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.2
SEQ ID NO 6
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APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Guinoso, Charles
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                                                              Query Match
                        Matches
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TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4289
CURRENT APPLICATION NUMBER: US/09/435,806
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: US 09/115,043
PRIOR FILING DATE: 1998-07-14
PRIOR FILING DATE: 1998-07-14
                                                                                                            FEATURE:
OTHER INFORMATION: Synthetic construct
FEATURE:
RAME/KEY: misc feature
LOCATION: (19)...(19)
OTHER INFORMATION: n = uracil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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168 16; Conservative
                    Local Similarity 88.9
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                 Score 14.8; DB 1;
Pred. No. 1.5e+02;
0; Mismatches 2
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Pred. No. 1
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GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOPTWARE: Patentin version 3.0
SEQ ID NO 15
                                                              SEQ ID NO 16
LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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Patent No. 6737520
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                                                                                                                        CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR PPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                      APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
FILE REFERENCE: ISIS3310
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NAME/KEY: misc_feature
LOCATION: (18)...(19)

OTHER INFORMATION: 3' - O-MOE linkage
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NAME/KEY: misc_feature
LOCATION: (17)...(18)
OTHER INFORMATION: 3' -
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NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
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LOCATION: (16)..(17)
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ORGANISM: Artificial Sequence
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                      FEATURE:
                                        ORGANISM: Artificial Sequence
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NAME/KEY: misc_feature
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88.9%; Pred. No. 1.5e+02;
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US-10-098-816-17/c
                                                                 US-10-098-816-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Oligonuclectides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
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 Matches
                               Query Match
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LOCATION: (16)...(17)
OTHER INFORMATION: 3' -
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LOCATION: (15)..(16)
OTHER INFORMATION: sub
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OTHER INFORMATION: Oligonucleotide
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LOCATION: (18) ...(19)
OTHER INFORMATION: 2' - O-MOE linkage
                                                                                          NAME/KEY: misc_feature
LOCATION: (19)..(19)
                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (18)..(19)
                                                                                                                                                                                                            OTHER INFORMATION: 3'
                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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LOCATION: (17)..(18)
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                                                                              OTHER INFORMATION: 3'
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                                                                                                                                              OTHER INFORMATION: 3' -
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LOCATION: (17)..(18)
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Local Similarity
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               Score 14.8; DB 1;
Pred. No. 1.5e+02;
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APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
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                                                                                                                                                     Sequence 26, Application US/10098816 Patent No. 6737520 GENERAL INFORMATION:
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Best Local Similarity
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TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
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LOCATION: (19)...(19)
OTHER INFORMATION: 2' -
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OTHER INFORMATION: 2'
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OTHER INFORMATION: Oligonucleotide
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OTHER INFORMATION: 2'
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LOCATION: (17)..(18)
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OTHER INFORMATION: 2'
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LOCATION: (16)..(17)
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Pred. No. 1.5e+02
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; FEATURE: ; OTHER INFORMATION: Cdc25 hs ribozyme binding US-09-696-791-3616
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; LOCATION: (19)...(19)
; OTHER INFORMATION: 2'-modified T linkage
US-10-098-816-26
                                                                                   RESULT 183
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            Sequence 20, Application US/07912900 Patent No. 5349125 GENERAL INFORMATION:
                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE TITLE OF INVENTION: SKIN AND EXE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PATENTIAL VEY: 2.0
SEQ ID NO 3616
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 3616, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 19
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
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LOCATION: (18)..(19)
OTHER_INFORMATION: 2'-modified T linkage
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OTHER INFORMATION: 2'-modified T linkage
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LOCATION: (17)..(18)
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OTHER INFORMATION: Oligonucleotide
FEATURE:
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ORGANISM: Artificial Sequence
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LOCATION: (16)..(17)
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APPLICANT:
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Holton, Timothy A.
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Pred. No. 1.5e+02
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Pred. No. 1.5e+02;
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TELEPAX: (516) 742-4366
TELEEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 20
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
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Best Local
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APPLICANT: C
APPLICANT: K
APPLICANT: T
APPLICANT: I
                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8633
TELECOMMUNICATION: INFORMATION:
TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION: NAME: DiGiglio, Frank S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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                                                                                                                                                                        NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                           TITLE OF INVENTION:
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                                                                                  STREET: 400 Garden
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: UPFILING DATE: 19920713
COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                     ZIP: 11530
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: New York
TRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
                                                                                                                                                                           Tanaka, Yoshikazu
Lester, Diane R.
NVENTION: GENETIC SEQUENCES ENCODING A 3,5'-
NVENTION: HYDROXYLASE AND USES
                                                                                                                                      E: Scully, Scott, Murphy & Presser
400 Garden City Plaza
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                                                                                                                                                                                                                                                                            Holton, Timothy A. Cornish, Edwina C. Kovacic, Filippa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tanaka,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DNA (genomic)
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Yoshikazu
 PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.1%; Score 14.8; DB 1;
88.9%; Pred. No. 1.6e+02;
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US-08-146-504-16/c
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Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (516) 742-43-6
TELEFAX: (516) 742-43-6
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
NFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                               COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: No. 5605662ember 1, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: DIG1910, Frank S.
NAME: DIG1910, Frank S.
REGETRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8633Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
                                                                                                                                                                                              PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                          CLASSIFICATION: 435 PRIOR APPLICATION DATA:
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                                                                                            NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
REFERENCE/DOCKET NUMBER: 203/218
                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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                                                       TELEPHONE: (213)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 611 West
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1519 ТАЛАЛАЛАЛАЛАСТАЛА 1536
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                                    67-3510
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611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Heller, Michael J.; and Tu, Eugene
VENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
VENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
VENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                             (213)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          03-AUG-1994
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                                                           955-0440
                                                                             489-1600
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                                                                                                                                                                                                                                     including application described below:
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Pred. No. 1.6e+02
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US-08-313-075A-11/c
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                              Matches 16; Conservative
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Best Local Similarity
                                                           Query Match
                                                                                                                                                                                                 TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL
                                                                                                                                                                                                                                                                           APPLICATION NUMBER: AU PCT/AL FILING DATE: 25-MAR-1993 ATTORNEY/AGENT INFORMATION: NAME: DiGiglio, Frank S. REGISTRATION NUMBER: 31,346 REFERENCE/DOCKET NUMBER: 9433
                                                                                                                                                                                                                                                                                                                                                                   PILING DATE: 27-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL
FILING DATE: 07-JAN-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cornish, Edwina c.
APPLICANT: Cornish, Edwina c.
APPLICANT: Tanaka, Yoshikazu
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
PATHWAY ENZYMES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PI
APPLICATION NUMBER: AU PI
PTILING DATE: 27-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 30-NOV-19
                                                                                                        TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                              TELEPHONE: (516) 742-4343
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CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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TOPOLOGY: li
                                           Match 1.1%;
Local Similarity 88.9%;
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                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE:
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                                                                                                                                                                    LENGTH:
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 1519 TAAAAAAAAAAAGTAAA 1536
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nilarity 88.9%;
Conservative
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                                                                                                        DNA (genomic)
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h, Edwina C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    AU PL 1538/92
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                                                                                                                                                                                                                                                                               9433
                            0; Mismatches
                                             Score 14.8; DB 1;
Pred. No. 1.6e+02;
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Pred. No. 1
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                                                             DB 1;
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                                                           Length 20;
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                              Gaps
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RESULT 188
US-08-502-046-20/c
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; OTHER INFORMATION: consists of nucleosides with an alpha anomer and carries
US-08-379-593-5
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                                                                                                                                                                        GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
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                                APPLICANT: Tanaka, APPLICANT: Lester, ITITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Floppy disk, 1.44M storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1...
CURRENT APPLICATION DATA:
                                                                                        APPLICANT: Holton, Timothy A. APPLICANT: Cornish, Edwina C. APPLICANT: Kovacic, Filippa APPLICANT: Tanaka, Yoshikazu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "SYNTHETIC DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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ADDRESSEE: OLIFF & BERRIDGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Piga, Nadia
TITLE OF INVENTION: HAPTEN ASSAY DEVICE AND USE THEREOF
NUMBER OF SEQUENCES: 5
                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kurfurst, Robin APPLICANT: Battail, Nicole
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
nes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/379,593 FILING DATE: 02-FEB-1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Alexandria
STATE: Virginia
COUNTRY: USA
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o. 5849480
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           703-836-2787
                                  Lester, Diane R.
VENTION: GENETIC SEQUENCES ENCODING A 3,
VENTION: HYDROXYLASE AND USES
                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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rst, Robin
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: US-08-502-046-20
                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 5929208
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 16,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PATENTIN Release CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: 14-UU-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/285
FILING DATE: 03-AUG-1994
ATTORNEY/AGENT INFORMATION:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION NUMBER: 08/146,504

1993
                                                                                                                                                                                                                                                                                                            APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
CORRESPONDENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: DIGIGIA, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8633Z
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                              APPLICATION NUMBER: FILING DATE: Octobe
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                             CLASSIFICATION:
                                                                                                                                                                   SOFTWARE: WordPerfect (Version 6.0)
                                                                                                                                                                                    COMPUTER: IBM compatible OPERATING SYSTEM: WINDOW
                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1519 ТАЛАЛАЛАЛАЛАГТАЛА 1536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           18 TAAAAAAAAAAAAAAA 1
                                                                                                                                                                                                                                                              9007:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Similarity
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                                                                                                                                                                                                                                                                                                California
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                                                                                                                                                                                                                                                                               USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (516) 742-4366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (516) 742-4343
                                                                                                            October 4, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
                                                                                                                                                                                      WINDOWS (VERSION 3.0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.1%; Score 14.8;
88.9%; Pred. No. 1.
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                                                                                                                             US/08/725,976
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, MOLECULE TYPE: Other US-08-997-080-83
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Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 83,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Description US/08997080 Patrent No. 5968524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: WATSON, JAMES D.
APPLICANT: TAN, PAUL L.J.
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
NUMBER OF SEQUENCES: 194
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM COMPACIALAL

OPERATING SYSTEM: DOS
SOFTWARE: PASTESQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,080
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                        FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 206-269-0565
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                                                                                               STRANDEDNESS: 817
                                                                                                                                                                                                                                                             NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: singl
                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                              TELEPHONE: 206-269-0563
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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2601 Elliott Avenue, Suite 4185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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 Score 14.8; DB 1; Length 20; Pred. No. 1.6e+02; 0; Mismatches 2; Indels
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Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
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   Gaps
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US-08-997-362-83
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RESULT 192
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                                                                                                             Matches
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                                                                                                                                         Query Match
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APPLICANT: Tan, P
                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: U.S. Patent Application No. FILING DATE: June 12, 1997

APPLICATION NUMBER: U.S. Patent Application No. FILING DATE: August 29, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c2

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                       TOPOLOGY: 11
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CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: COMPOUNDS TITLE OF INVENTION: TREATMENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Prestidge,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                     TELEFAX: 206-269-0563
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                                                                                                                            Local
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                                                                            1520 АААААААААААСТААА 1537
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                                                                                                             16;
                                                                                                         Similarity 88.9
16; Conservative
                                                                                                                                                                                                                                    nucleic acid
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                                                AAAAAAAAAAAAAAAAA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Law Offices of Ann W. Speckman
2601 Elliott Avenue, Suite 4185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Skinner, Margot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Visser, Elizabeth
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                                                                                                                                                                                                        linear
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                                                                                                                                                                                                                       single
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                                                                                                                            88.98;
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                                                                                                                                                                                                                                                                                       83:
                                                                                                             0
                                                                                                                            Score 14.8; DB 1;
Pred. No. 1.6e+02;
                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
                                                                                                                                           Length 20;
                                                                                                             Indels
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Sequence 1, Application US/08965780 Patent No. 5986084

GENERAL INFORMATION:

APPLICANT:

Stefan

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US-08-873-970-83
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/965,780
FILING DATE: 07-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION: 536
                                                                                                                                                                                                                                                                                                                               Sequence 83, Appr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local S
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Tan, F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligoribonucleotide"
                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
                                                                                                                                                                         APPLICANT: Prestidge, Ross
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Kubovcik, Ronald J.
REGISTRATION NUMBER: 25,401
REFERENCE/DOCKET NUMBER: FREI-002
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 01931/97
FILING DATE: 18-AUG-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: YOU -
STREET: Washington
CITY: Washington
CTATE: DC
TTATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: RIBONUCLEOSIDE-DERIVATIVE AND METHOD TITLE OF INVENTION: PREPARING THE SAME NUMBER OF SEQUENCES: 2
COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                 APPLICANT:
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APPLICANT: Jenny, Luzi
                                                                                                                                                           NUMBER OF SEQUENCES:
                                    COUNTRY: U
ZIP: 98121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: US
ZIP: 20006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 202-887-9023
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1520 AAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                               20
                                                                                    Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity
                                                                 WA
                                                                                                                                                                                                                                                                                                                                                       Application US/08873970
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                                                                                                                                                                                                                                                             Hiyama, Jun
Visser, Elizabeth
                                                    USA
                                                                                                                                                                                                                             Skinner, Margot
Scott, Linda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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Diskette
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                                                                                                                                                                                                                                                                                                      Paul
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                                                                                                                                                             106
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 14.8; DB 1;
Pred. No. 1.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 20;
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PATENT NO. 6103886

GENERAL INFORMATION:
APPLICANT: Whitehead Institute for Biomedical Research
APPLICANT: Whitehead Institute for Biomedical Research
APPLICANT: Lahn, Bruce
APPLICANT: Page, David
TITLE OF INVENTION: Genes in the No. 6103886-Recombining Region of
TITLE OF INVENTION: the Y Chromosome
FILE REFERENCE: WH197-08pA
CURRENT APPLICATION NUMBER: US/09/058,489
CURRENT FILING DATE: 1998-04-10
EARLIER APPLICATION NUMBER: 60/041,877
EARLIER APPLICATION NUMBER: 60/041,877
EARLIER FILING DATE: 1997-04-11
NUMBER OF SEQ ID NOS: 91
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RESULT 195
US-08-765-340-96/c
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                                                                                                                                                                                                                     ; ORGANISM: Human
US-09-058-489-70
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                                                                                                                                                                                                                                                      SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
                                                                                                                                                Matches
                                                                                                                                                                               Query Match
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/705,34

PILING DATE: 29-AUG-1996

ATTORNEY/AGENT INFORMATION:

NAME: Sleath, Janet

REGISTRATION NUMBER: 37,007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: sing
TOPOLOGY: linear
MOLECULE TYPE: Other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/873,970
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 206-269-0565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: DOS
SOFTWARE: FARFORO
                                                                                                                                                               Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1520 AAAAAAAAAAAGTAAAA 1537
                                                                                                          662 CTCAGACTCACCTCTGAC 679
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                                                                          CTCAGACTGACCTCGGAC 18
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                                                                                                                                                Conservative
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                                                                                                                                              1.1%; Score 14.8; DB 1;
88.9%; Pred. No. 1.6e+02;
ative 0; Mismatches 2
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Pred. No. 1.6e
0; Mismatches
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                                                                                                                                                                                   DB 1;
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Sequence 96, Application US/08765340 Patent No. 6150092 GENERAL INFORMATION:

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US-09-484-345-76
Sequence 76, Application US/09484345
Patent No. 6159734
GENERAL INFORMATION:
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                                   APPLICANT: Robert McKay
APPLICANT: Alexander H. Borchers
APPLICANT: Brende F. Baker
APPLICANT: Brende F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO
FILE REFERENCE: RTS-01.04
CURRENT APPLICATION NUMBER: US/09/484,345
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
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TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 20 base pairs
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REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: 345 PARK AVENUE
CITY: NEW YORK
CITY: NEW YORK
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Local Similarity 88.9%;
es 16; Conservation
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OPERATING SYSTEM: PC-DOS/MS-DOS
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TANAKA, Y.,
MATSUDA, Y.,
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Pred. No. 1.6e
0; Mismatches
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-484-345-76
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US-09-095-855-83
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                                                                                                               US-09-095-855-83
                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,855
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/705,347
FRIOR APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-UN-1997
APPLICATION NUMBER: 08/97,362
FILING DATE: 23-DEC-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 23-DEC-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 23-DEC-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 73-DEC-1997
APPLICATION NUMBER: 08/997,362
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                                              Matches
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                                                                             Query Match
                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Visser, Elizabeth APPLICANT: Skinner, Margott APPLICANT: Prestidge, Ross TITLE OF INVENTION: Compounds TITLE OF INVENTION: Treatment
                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                               Local
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                                                                                                                                               TOPOLOGY:
                                                                                                                                                               STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                    NAME: Sleath, Janet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER:
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1520 AAAAAAAAAAAAGTAAAA 1537
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Similarity 88.9%;
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                                                               Similarity
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2601 Elliott Avenue, Suite 4185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Prestidge, Ross
IVENTION: Compounds and Methods for
Treatment and Diagnosis of Mycobacterial Infections
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                      206-269-0563
                                              Conservative
                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
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88.9%;
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Pred. No. 1.6e+02;
                                                              Score 14.8; DB 1;
Pred. No. 1.6e+02;
                                               Mismatches
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                                                                               DB 1;
                                                                            Length 20;
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US-08-482-918-32/c
                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,918
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REFERENCE/DOCKET NUMBER: 01017/33005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/09407675
Patent No. 6169176
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/407,675
CURRENT FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: 09/347,443
PRIOR FILING DATE: 1999-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .09-407-675-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Zsebo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bruice, Thomas C. APPLICANT: Arya, Dev P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
NFORMATION FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Oligo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marchall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bosselman, Robert
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
TELEFAX: JI.,
TELEFAX: 25-3856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity nes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                               STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 6300 9
CITY: Chicago
STATE: Illino:
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                                   312/474-0448
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SEQ ID NO:
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                                                            Matches
                                                                           Query Match
Best Local (
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                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA
                                                                                                                                    TOPOLOGY: 1: MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FITLE OF INVENTION:
                                                                                                                                                                                                                                 TELEFAX: 51-
TELEFAX: 25-3856
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/482,918
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Match 1.1%;
Local Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                 STRANDEDNESS:
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TELEPHONE: 314/.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: United States of America
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                            1520 AAAAAAAAAAAGTAAAA 1537
18 AAAAAAAAAAAAAAAAA 1
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                                                                           Similarity
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6207417
                                                                                                                                                                                 nucleic acid
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6300 Sears Tower,
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WENTION: Stem Cell Factor
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                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Suggs, Sidney V
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                                                                                                                                                                 single
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                                                                         1.1%; Score 14.8; DB 1; 88.9%; Pred. No. 1.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                  Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         O'Toole, Gerstein, Murray & Borun
lower, 233 South Wacker Drive
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Pred. No. 1.
                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                  Version
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                                                                                           DB 1;
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                                                                                      Length 20;
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US-09-224-681-32/c[†] ; Sequence 32, Application US/09224681

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                                                                  Matches
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                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/537,198

FILING DATE: 11-JUN-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/422,383

FILING DATE: 16-OCT-1989

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                  TOPOLOGY: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
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FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
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APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
                                                                                                                                                                                                                                                                                                            NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 24-MAY-
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/00
FILING DATE: 12-JAN-1998
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 6300 S
CITY: Chicago
STATE: Illinoi
                                                                                 Local
                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                      TYPE:
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                                                                                                                                                                                                                                                                                                  TELEPHONE:
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                                                                                                                                                                                                                ENGTH:
                                 1520 AMAAMAAAAAAGTAAAA 1537
 18
                                                                                 Similarity
                                                                                                                                                                                               nucleic acid
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                                                                                                                                                                                                                20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Marshall, O'Toole, 6300 Sears Tower, 233
                                                                                                                                                                                                                                                                                    312/474-0448
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                                                                                                                                                  linear
E: DNA
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                                                                                                                                                                                                                                                                                                    312/474-6300
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                                                                                                                                                                               single
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                                                                                1.1%;
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                                                                                                                                                                                                                                                   32:
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                                                              Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
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South Wacker Drive
                                                                                             Length 20;
                                                                  Indels
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                                                                Gaps
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; MOLECULE TYPE: DNA US-09-224-681-34
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US-09-224-681-34/c
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                                   Query Match
                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                        PILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 010
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 25-NOV-PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 12-JAN-
CLASSIFICATION:
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 09/0
FILING DATE: 12-JAN-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 01-OCT-1990 PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 07/9
FILING DATE: 25-NOV-1992
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ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
y Match 1.1%; Score 14.8; DB 1; Local Similarity 88.9%; Pred. No. 1.6e+02; hes 16; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 2
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/4 FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                  TOPOLOGY:
                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: United States of America
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                                                                                                                                                                                                                                                 TELEFAX:
                                                                                                                                                                    ENGTH:
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                                                                                                                                                  nucleic acid
                                                                                                                                                                                                                                                                                                                                              Clough,
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                                                                                                                                                                      20 base pairs
                                                                                                                                                                                                                                                 312/474-0448
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Suggs, Sidney
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                                                                                                                  linear
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                                                                                                                              single
                                                                                                                                                                                                                                                                                                                                              David W.
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US-08-336-728A-32/c
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                                                                          Query Match
Best Local S
                                                               Matches
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                                                                                                                                                                                                                     TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/589,701

PILING DATE: 01-OCT-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/573,616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 07/42
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 11-JUN-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 07/57
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 09-NOV CLASSIFICATION: 424
                                                                            Local Similarity
                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                        NAME: Clough, David W REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                        TELEFAX:
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81
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                             AAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <u>AAAAAAAAAAAAAAAA</u>
                                                                                                                                                                                                            20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: Marshall, O'Toole, Gerstein, Murray & Borun
6300 Sears Tower, 233 South Wacker Drive
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Suggs, Sidney V.
                                                               Conservative
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09-NOV-1994
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                                                                            1.1%;
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                                                             Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
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US-08-336-728A-34/c
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Patent No. 6207802
                                                             Matches
                                                                                           Query Match
                                                                                                                                                                                                   TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UMMBER: 07/982
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION UMMBER: 07/589
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION UMMBER: 07/573
PRILING DATE: 24-AUG-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 16-OCT-
                                                                                                                                            MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                           TELEPHONE: 312/474-0448
                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                     NAME: Clough, David
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/0 FILING DATE: 09-NOV-1994
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CITY: Chicago
                                                                             Local
                                                                                                                                                                                          TYPE:
                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 36,107 REFERENCE/DOCKET NUMBER: 01
                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                           TOPOLOGY:
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                               1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                             Similarity
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6300 Sears Tower, 233 South Wacker Drive
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                                                              Conservative
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                                                                             1.1%;
88.9%;
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                                                           0; Mismatches
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                                                                             Score 14.8; DB 1;
Pred. No. 1.6e+02;
                                                                                               DB 1;
                                                                                            Length 20;
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WS-09-250-075-1/c US-09-250-075-1/c ; Sequence 1, Application US/09250075 ; Patent No. 6207819

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GENERAL INFORMATION:

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RESULT 200
US-09-173-936B-14/c
US-09-173-936B-14/c
; Sequence 14, Application US/09173936B
; Sequence 14, Application US/09173936B
; Patent No. 6238865
; Patent No. 6238865
; Patent No. 6238865
; GENERAL INFORMATION: A Simple and Efficient Method to Label and Modify 3'-
; TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
Terminal of RNA Using DNA Polymerase and a Synthetic Template with
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             밁
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NAME/KEY: misc_feature
LOCATION: (1).-(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE)
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
US-09-250-075-1
                                                                                    US-09-173-936B-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 16; Conserv
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CURRENT APPLICATION NUMBER: US/09/250,075
CURRENT FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 20
Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM-MS
OPERATING SYSTEM: Window 95
SOPTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/173,936B
FILLING DATE: 16-Oct-1998
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/063,757
FILING DATE: 17-OCT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Cohen, Pontani, Lieberman & Pavane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1520 AAAAAAAAAAAGTAAAA 1537
                                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO: 14:
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                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 551 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: 3.50 inch Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
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Maier, Martin A
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  Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
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Pred. No. 1.6e.
O; Mismatches
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; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-324-542-83
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US-09-454-704A-13
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                                                                                                                                                                                             SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                     Matches
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                                                                                                         Query Match
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                                                                                                                                                                                                                                                                TITLE OF INVENTION: Methods and Compounds for the Treatment TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders FILE REFERENCE: 11000.1007c1  
CURRENT APPLICATION NUMBER: US/09/324,542  
CURRENT FILING DATE: 1999-06-02  
EARLIER APPLICATION NUMBER: US 08/997,080  
EARLIER APPLICATION NUMBER: US 08/997,080  
EARLIER FILING DATE: 1997-12-23  
NUMBER OF SEQ ID NOS: 194  
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: High Throughput Functional Screening of TITLE OF INVENTION: cDNAs FILE REFERENCE: P-UC 3662 CURRENT APPLICATION NUMBER: US/09/454,704A CURRENT FILLING DATE: 1999-12-03 NUMBER OF SEQ ID NOS: 14 SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Watson, James D. APPLICANT: Tan, Paul L.J. APPLICANT: Prestidge, Ross
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                      Local
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                                 1520 AAAAAAAAAAAGTAAAA 1537
                                                                     l Similarity 88.9
16; Conservative
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l Similarity 88.9%;
16; Conservative
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 AAAAAAAAAAAAAAA
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                                                                     0; Mismatches
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Pred. No. 1
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Pred. No. 1.6e+02
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RESULT 209 US-09-205-426-83 ; Sequence 83, Ap

Application US/09205426

Patent No. 6406704

INFORMATION:

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APPLICANT: Watson, James D.

APPLICANT: Tan, Paul L. J.

TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Diagnosis of Mycobacterial Infections FILE REFERENCE: 11000.1002c4

CURRENT APPLICATION UNMBER: US/09/205,426

CURRENT FILING DATE: 1998-12-04

EARLIER APPLICATION NUMBER: 09/095,855

EARLIER APPLICATION NUMBER: 08/997,362

EARLIER APPLICATION NUMBER: 08/97,362

EARLIER APPLICATION NUMBER: 08/97,362

EARLIER APPLICATION NUMBER: 08/97,370

EARLIER APPLICATION NUMBER: 08/873,970

EARLIER APPLICATION NUMBER: 08/873,970

EARLIER APPLICATION NUMBER: 08/873,970
                                        RESULT 211
US-08-275-951-49/c
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; OTHER INFORMATION: Made in a lab
US-09-205-426-83
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Best Local Similarity
Matches 16; Conserv
Sequence 49, Application US/08275951 Patent No. 6451968
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Patent No. 6429300
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NUMBER OF SEQ ID NOS: 208
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 83
LENGTH: 20
                                                                                                                                                                                                                              Query Match 1.1%;
Best Local Similarity 88.9%;
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                                                                                                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
PEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
-09-619-103-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
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APPLICANT: Lohse, Peter
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TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 1.
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Pred. No. 1
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CURRENT APPLICATION NUMBER: US/08/275,951

CURRENT FILING DATE: 1994-07-15

PRIOR APPLICATION NUMBER: 08/108,591

PRIOR FILING DATE: 1993-11-22

PRIOR FILING DATE: 1993-11-22

PRIOR APPLICATION NUMBER: 08/088,658

PRIOR FILING DATE: 1993-07-02

PRIOR APPLICATION NUMBER: 08/086,661

PRIOR APPLICATION NUMBER: 986/91

PRIOR APPLICATION NUMBER: 986/91
                                                                                                                                                                                                                                                                                                                    US-09-726-096A-1/c
CURRENT FILING DATE: 2000-11-29
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 20
                                                                                                                                                                                                                                                                      Sequence 1, Application US/09726096A
Patent No. 6462184
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Best Local (
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LENGTH: 20
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                                                                                                   APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin A.
TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Backl
TITLE OF INVENTION: Oligomeric Compounds
FILE REFERENCE: ISIS4528
FULE REFERENCE: ISIS4528
CURRENT APPLICATION NUMBER: US/09/726,096A
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NUMBER OF SEQ ID NOS:
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1991-0
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TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
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LOCATION: (13)
OTHER INFORMATION: N is Pseudoisocytosine
NAME/KEY: misc_feature
LOCATION: (20)
OTHER INFORMATION: N is Pseudoiscytosine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      1521 AAAAAAAAAAAGTAAAAGG 1539
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Buchardt, Ole
Dueholm, Kim L.
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Kiely, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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Pred. No. 1
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US-09-76-978A-55
/ Sequence 55, Application US/09976978A
/ Sequence 55, Sapplication US/09976978A
/ Patent No. 6532097
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Letsinger, Robert L.
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PRIOR FILING DATE: 2000-04
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2:
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                  US-09-603-830-55
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR PRIOR APPLICATION NUMBER: 09/344,667
PRIOR ETITION NUMBER: 09/344,667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/603,830
CURRENT FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
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                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: Synthetic sequence
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OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1) . (20)
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NT: Mirkin, Chad A.
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Mucic, Robert C.
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Pred. No. 1
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Pred. No. 1.6e+02;
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APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i17
CURRENT APPLICATION NUMBER: US/09/976,978A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/944,667
PRIOR FILING DATE: 1909-06-26
PRIOR APPLICATION NUMBER: 09/34,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/27/12783
PRIOR APPLICATION NUMBER: 09/200,761
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 0000-04-26
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                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Aminooxy Functionalized Oligomers
FILE REFERENCE: ISIS-3508
CURRENT APPLICATION NUMBER: US/09/344,260A
CURRENT FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOPTWARE: Microsoft Word 2000
SQ ID NO 55
LENGTH: 20
TYPE: DNA
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APPLICANT: Manoharan,
                                                          Matches
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Best Local
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local
                                                                                                                                                                                                                                             LENGTH: 20
TYPE: DNA
ORGANIEM: Artificial Sequence
FEATURE:
                                                                                                                                                                                     NAME/KEY: misc_feature
OTHER INFORMATION: No. 6576752el Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
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1520 АЛАЛАЛАЛАЛАГТАЛАЛ 1537
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                                                                                      88.9%;
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88.9%; Pred. No. 1.
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                                                                                   Score 14.8; DB 1;
Pred. No. 1.6e+02;
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; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-961-949A-55
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Patent No. 6610491
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
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Best Local
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Patent No. 65829
                                                                                                                                                                                                        APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-14
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
                                                                                                                 CURRENT APPLICATION NUMBER: US/09/966,491A
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
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CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i1
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APPLICANT: Letsinger, R
APPLICANT: Mucic, Rober
APPLICANT: Storhoff, Ja
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APPLICANT: Letsinger, Rob
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 20
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16; Conserv
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Mucic, Robert C.
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Pred. No. 1
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; OTHER INFORMATION: Description of Artificial ; OTHER INFORMATION: synthetic sequence US-09-966-491A-55
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PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 00/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1997-07-21
PRIOR PELICATION NUMBER: 60/31,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                                                                                                                                                    SOPTWARE: Microsoft Word
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
                                                                                            Best
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APPLICANT: Storhoff
APPLICANT: Elghani
APPLICANT: Taton,
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                                                                                                                 Query Match
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Best Local
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APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i3
CURRENT APPLICATION NUMBER: US/09/957,313A
CURRENT FILING DATE: 2002-03-05
PRIOR FILING DATE: 2006-26
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/3144,667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE:
                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
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                                                                          1.1%; Score 14.8; 1
88.9%; Pred. No. 1.60
tive 0; Mismatches
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Pred. No. 1
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                                                                                                               Length 20;
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US-09-966-312-55

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/ ORGANISM: Artificial Sequence
/ FEATURE;
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
/ US-09-966-312-55
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CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PLILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/20,161
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/20,161
PRIOR PILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-975-062A-55
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert
APPLICANT: Mucic, Robert C
APPLICANT: Storhoff, James
APPLICANT: Elghanian, Robe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOPTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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APPLICANT: Letsing,
APPLICANT: Mucic,
APPLICANT: Storhof,
APPLICANT: Storhof,
APPLICANT: Bighani,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6677122
GENERAL INFORMATION:
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                                                                APPLICANT: Eighanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Taton, Thomas A.
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANDUSES THEREFOR
FILE REFERENCE: 00-713-111
CURRENT APPLICATION NUMBER: US/09/975,062A
CURRENT FILING DATE: 2001-10-11
RRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667.
PRIOR APPLICATION NUMBER: 09/344,667.
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
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TYPE: DNA
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FILING DATE: 1997-07-21
APPLICATION NUMBER: 60/031,809
FILING DATE: 1996-07-29
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Mucic, Robert C.
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Mucic, Robert C.
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ilarity 88.9%;
Conservative
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0; Mismatches
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1.6e+02;
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APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE OF INVENTION: NUMBER: US/09/976,971A
CURRENT APPLICATION NUMBER: US/09/976,971A
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 1999-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILLING DATE: 1997-07-21
PRIOR FILLING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILLING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/700.161
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                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence
US-09-976-971A-55
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                         Matches
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Best Local (
                                                                                                                                   Query Match
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PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
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                                                                                                                                                                                                                                                LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                            Match 1.1%;
Local Similarity 88.9%;
                                            1520 AAAAAAAAAAAGTAAAA 1537
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l Similarity 88.9%;
16; Conservative
AAAAAAAAAAAAAAAAA 18
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                                                                                                            Score 14.8;
Pred. No. 1
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Pred. No. 1.6e+02
                                                                                         Mismatches
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                                                                                                                 .6e+02;
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RESULT 222 US-09-687-246B-7/c ; Sequence 7, Application US/09687246B

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SEQ ID NO 7
LENGTH: 20
TYPE DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: primer N-F1
US-09-687-2468-7
                                                                  ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-974-500A-55
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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APPLICANT: Letsinger, Robe:
APPLICANT: Mucic, Robert C
APPLICANT: Storhoff, James
APPLICANT: Elghanian, Robe:
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Best Local Similarity
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Best Local Similarity
                        Query Match
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APPLICANT: Tchou, Julia
APPLICANT: Baker, Jila
APPLICANT: Baker, Jila
APPLICANT: Lin, Xiaohui
TITLE OF INVENTION: METHODS OF DIAGNOSING AND TREATING HEPATIC CELL PROLIFERATIVE |
FILE REFERENCE: JULIG60-1
CURRENT APPLICATION NUMBER: US/09/687,246B
CURRENT FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: 60/159,168
PRIOR FILING DATE: 1999-10-13
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/974,500A
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
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PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
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APPLICANT: Nelson, William
APPLICANT: Tchou, Julia
                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 1.6e+02;
Score 14.8; DB 1;
Pred. No. 1.6e+02;
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                      Length 20;
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APPLICANT: SUCHINGER:
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANDOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO
TITLE OF INVENTION: NAND USES THEREFOR
FILE REFERENCE: 00-713-120
CURRENT APPLICATION NUMBER: US/09/976,577
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/44,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR RIPLING DATE: 2000-04-26
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GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-110
CURRENT APPLICATION NUMBER: US/09/973,788A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                         Sequence 55, Application US/09973788A Patent No. 6720411
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Best Local (
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APPLICANT: Letsinger, F
APPLICANT: Mucic, Rober
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67201,
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Mucic, Robert C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.1%; Score 14.8;
88.9%; Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .6e+02
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FILE REFERENCE: O0-713-124
CURRENT APPLICATION NUMBER: US/09/976,617A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR PILING DATE: 2000-04-26
NUMBER OF SEO ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEO ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-09-973-788A-55
                                                                                                  ; FEATURE;
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mirkin, (
APPLICANT: Letsinge
APPLICANT: Mucic, F
APPLICANT: Storhoff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 55, Application US/09976617A Patent No. 6730269
GENERAL INFORMATION:
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Best Local Similarity
         Matches
                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
       Local Similarity 88.9%;
mes 16; Conservative
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                             1.1%; Score 14.8; DB 1; Length 20; 38.9%; Pred. No. 1.6e+02;
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Pred. No. 1.6e+02;
0; Mismatches 2;
Mismatches 2
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         Indels
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CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: 09/663,830
PRIOR FILING DATE: 2000-06-26
PRIOR PRIOR DATE: 2000-06-26
PRIOR PRIOR DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR PPLICATION NUMBER: 09/240,755
PRIOR PILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-01-29
PRIOR PILING DATE: 1997-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/00,161
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 2000-04-26
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                                                                                                                                                                                                                                                                                                                   APPLICANT: Mirkin, Chad A.
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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Best Local Similarity
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APPLICANT:
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       APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Li, Zhi
APPLICANT: Li, Zhi
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1085-A
CURRENT APPLICATION NUMBER: US/09/820,279D
CURRENT FILING DATE: 2001-03-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mirkin, APPLICANT: Letsing APPLICANT: Mucic,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-16
                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
APPLICATION NUMBER: 09/760,500
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Elghanian, Robert
Taton, Thomas A.
Garimella, Viswanadham
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Mucic, Robert C.
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88.9%; Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .6e+02;
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: synthetic sequence
US-09-820-279D-55
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US-09-820-279D-70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
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SEQ ID NO 55
LENGTH: 20
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                                                                                                                                            TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-1085-A CURRENT APPLICATION NUMBER: US/09/820,279D CURRENT FILING DATE: 2001-03-28 PRIOR APPLICATION NUMBER: 09/760,500 PRIOR FILING DATE: 2001-01-12 PRIOR PRIOR DATE: 2001-01-12 PRIOR APPLICATION NUMBER: 09/603,830 PRIOR APPLICATION NUMBER: 09/603,830 PRIOR APPLICATION NUMBER: 09/344,667 PRIOR APPLICATION NUMBER: 09/344,667 PRIOR APPLICATION NUMBER: 09/344,667 PRIOR APPLICATION NUMBER: 09/344,667 PRIOR APPLICATION NUMBER: 09/344,755 PRIOR APPLICATION NUMBER: 09/344,755
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APPLICANT:
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FILING DATE: 1996-07-29
APPLICATION NUMBER: 60/176,409
FILING DATE: 2000-01-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 09/344,667
FILING DATE: 1999-06-25
APPLICATION NUMBER: 09/240,755
FILING DATE: 1999-01-29
APPLICATION NUMBER: PCT/US97/12783
FILING DATE: 1997-07-21
FILING DATE: 1996-07-29
APPLICATION NUMBER: 60/176,409
FILING DATE: 2000-01-13
                                                               FILING DATE: 1997-07-21 APPLICATION NUMBER: 60/031,809
                                                                                                          FILING DATE: 1999-01-29
APPLICATION NUMBER: PCT/US97/12783
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/213,906 FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/200,161 FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/192,699 FILING DATE: 2000-03-28
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Taton, Thomas A.
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
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; OTHER INFORMATION: Description of Artificial ; OTHER INFORMATION: synthetic sequence US-09-957-318A-55
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PRIOR FILING DATE: 2000-03-28
PRIOR PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
PRIOR FIL
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CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PAPPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 05/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
SOFTWARE: Microsoft Wo
SEQ ID NO 55
                                                                                                                                                Matches
                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 55,
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Best Local
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APPLICANT: Storboff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
                                                                      1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                                       Similarity
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AAAAAAAAAAAAAAAA 18
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88.9%; Pred. No. 1.6e+02
                                                                                                                                                                               1.1%;
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                                                                                                                                                                                   Score 14.8;
Pred. No. 1
                                                                                                                                                    Mismatches
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                                                                                                                                                    Indels
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TOPOLOGY: linear

HOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-635-251-32
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US-09-635-251-32/c
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Patent No. 6759215
GENERAL INFORMATION:
APPLICANT: ZBebo, Krisztina M
                                                                                 Matches
                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                              TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compactible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 01017/32957A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
                     1520 AAAAAAAAAAAAGTAAAA 1537
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18 AAAAAAAAAAAAAAAAA 1
                                                                                 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/902,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/604,535
FILING DATE: 04-OCT-1991
APPLICATION NUMBER: 07/509,701
FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                      LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/635,251 FILING DATE: 07-Aug-2000 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: Illinois COUNTRY: United States of America
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CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/422,383 FILING DATE: 16-OCT-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                 Conservative
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Suggs, Sidney V.
                                                                                                  1.1%;
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                                                                             Score 14.8; DB 1,
Pred. No. 1.6e+02,
0; Mismatches
                                                                                                                      DB 1;
                                                                                                                    Length 20
                                                                                 Indels
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                                                                                 Gaps
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                                                                                                         Query Match
Best Local 9
                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                             TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/635,251
FILING DATE: 07-Aug-2000
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
                                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                    NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 0101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                 TOPOLOGY: lin
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 60606-6402
COMPUTER READABLE FORM:
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                                          1520 AAAAAAAAAAAGTAAAA 1537
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18 AAAAAAAAAAAAAAAA 1
                                                                                                     1.1%;
Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/422,383 FILING DATE: 16-OCT-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 07/589,701 FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 07/684,535 FILING DATE: 04-OCT-1991
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STATE: Illinois
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Marshall,
                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bosselman, Robert A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EE: Marshall, O'Toole, Gerstein, Murray & Borun 6300 Sears Tower, 233 South Wacker Drive
                                                                              Score 14.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            01017/32957A
                                                                                                                         Length 20;
                                                                                     Indels
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RESULT 233 US-09-760-500A-55

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US-09-760-500A-55
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR PPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6777186
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Best Local Similarity
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                 APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-i22
CURRENT APPLICATION NUMBER: US/09/981,344
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/331,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/760,500A
CURRENT FILING DATE: 2002-03-05
CURRENT FILING DATE: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-715-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mucic,
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mucic, Robert C.
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Pred. No. 1
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                            Matches
                                                                                        Query Match
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Best Local (
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NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                   TELEFAX: 617-720-2441
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
                                                                                                                                                 MOLECULE TYPE:
DESCRIPTION:
HYPOTHETICAL: N
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/930,087
FILING DATE: 14-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gates, Edward R.
REGISTRATION NUMBER: 31,616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC
                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: MO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-720-3500
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ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
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                                                                                                                                      ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0
                                                                          Local
                                                                                                                                                                                                             STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: Massachusetts
COUNTRY: United States of America
                                                                                                                                                                                               TOPOLOGY:
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                            1520 АЛАЛАЛАЛАЛАGTAЛA 1537
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                                                                          Similarity
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                                                            Conservative
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                                                                                                                                                  Other nucleic acid
Synthetic RNA oligonucleotide
NO
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.
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US-08-146-504-2
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                                                                                                                                                                 Sequence 13, Application US/08455896 Patent No. 5668267
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Patent No.
                                                                                                                                                                                                       -08-455-896-13/c
                                                                                                                                               GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                  NUMBER OF SEQUENCES: 1
                                                                       APPLICANT: WATSON, MARK A.
APPLICANT: PLEMING, TIMOTHY P.
TITLE OF INVENTION: DAS ASQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US
FILING DATE: No. 56056
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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OPERATING SYSTEM: IBM P.C. DOS (Ver
SOFTWARE: WordPerfect (Version 5.1)
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STATE: California
 STREET:
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                 ADDRESSEE:
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E: ROGERS, HOWELL & HAFERKAMP
7733 FORSYTH BOULEVARD, SUITE 1400
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611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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Pred. No. 1
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TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                APPLICATION NUMBER: US/08/359,295C
FILING DATE: 19-DEC-94
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/322,348
FILING DATE: 13-OCT-94
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                           OPERATING SYSTEM: Windows 3.1
SOFTWARE: Microsoft Word 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
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NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Massiv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Stephen (
                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: C
TELECOMMUNICATION INFORMATION: TELEPHONE: (510) 670-9365
                               NAME: Stephen C. Macevicz REGISTRATION NUMBER: 30,285 REFERENCE/DOCKET NUMBER: mps
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COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                Stephen C. Macevicz, Lynx Therapeutics, Inc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Massively Parallel Sequencing of Sorted Polynucleotides
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88.9%; Pred. No. 1.
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RESULT 240
US-08-933-149-13/c
; Sequence 13, Application US/08933149
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                                                                                                                                                                                                                         US-08-485-105A-23
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                                                                                                                                                         Matches
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Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 23,
                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/359,295
FILING DATE: 19-DEC-94
APPLICATION NUMBER: 08/322,348
FILING DATE: 13-OCT-94
APPLICATION NUMBER: 08/322,348
FILING DATE: 13-OCT-94
ATTONNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REFRENCE/DOCKET NUMBER: 30,285
REFRENCE/DOCKET NUMBER: mpms1
TELEPHONE: (510) 670-9365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  atent No. 5863722
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                             TELEFAX: (510) 670-9302 INFORMATION FOR SEQ ID NO: 23:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: STREET CITY: Hayward CITY: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc STREET: 3832 Bay Center Place
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Microsoft Word 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Sydney Brenner
TITLE OF INVENTION: Massively Parallel Sequencing of Sorted Polynucleotides
NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM compatible OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                             TOPOLOGY:
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                                                                                                                                                                                                                                                                                          LENGTH:
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                                                                                                                        1520 ААЛАЛАЛАЛАЛАГТАЛАЛ 1537
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88.9%;
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                                                                                                                                                         Score 14.8; DB 1;
Pred. No. 1.7e+02;
0; Mismatches 2
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Pred. No. 1.7e+02;
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US-08-725-976-2
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                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/08725976 Patent No. 5929208
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Best Local S
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APPLICANT: WATSON, N
APPLICANT: FLEMING,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (314) 727-6092 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                           GENERAL INFORMATION: APPLICANT: Heller
                                                                                                                                                    STREET: 655 ...
CITY: Los Angeles
CTATE: California
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REFERENCE/DOCKET NUMBER: 60:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: HENDERSON, MELODIE W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,149
FILING DATE:
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ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HYPOTHETICAL: 1
ANTI-SENSE: NO
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                              SOFTWARE: WordPerfect (Version 6.0)
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 21 base pairs
TYPE: nucleic acid
                                                             COMPUTER: IBM compatible OPERATING SYSTEM: WINDOWS (VERSION 3.0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: ST. LOUIS
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               APPLICATION NUMBER: US/08/725,976
                                                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                           Heller, Michael J.; and Tu, Eugene
NVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
October 4, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    cDNA to mRNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MAMMAGLOBIN, A SECRETED MAMMARY SPECIFIC BREAST CANCER PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MAMMAGLOBIN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  & HAFERKAMP, L.C.
TH BOULEVARD, SUITE 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TIMOTHY P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 14.8;
Pred. No. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.7e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
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RESULT 242
US-09-082-343-13/c
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REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 222/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEPAX: (213) 955-0440
TELEPAX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/082,343
FILING DATE:
CLASSIFICATION: TOTALE
CLASSIFI
                                                        TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/455,896
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA: including application PRIOR APPLICATION NUMBER: 08/146,504
FILING DATE: No. 5929208ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: MITCH: TOTAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: ST. LOUIS
STATE: MISSOURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: sing
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                            TYPE: nucleic acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: ROGERS, HOWELL & HAFERKAMP
7733 FORSYTH BOULEVARD, SUITE 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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Pred. No. 1.
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BREAST CANCER PROTEIN
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1.7e+02;
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; ANTI-SENSE: US-09-082-343-13
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                                                                                                            US-08-863-639A-10
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                                                      Matches
                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                         TELEFAX: (626) 795-63: INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA
APPLICATION NUMBER: US
FILING DATE: May 28,
CLASSIFICATION: 435
                                                                                                                      TOPOLOGY: li
                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. MUETH
REGISTRATION NUMBER: 20,9
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLECTIDE REPEAT ARRAYS
                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 91101
                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                   TELEPHONE:
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1 AAAAAAAAAAAAAAAA 18
                                                      16;
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:: CA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                      3: (626)
(626) 79
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ilarity 88.9%;
Conservative
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                                                                                                                                       linear
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                                                                                                                       Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                        Diskette,
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88.9%;
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Pred. No. 1.7e+02;
0; Mismatches 2
                                                   0; Mismatches
                                                                Score 14.8;
Pred. No. 1
                                                                                                                                                                                                                                                                  11859-1
                                                                  .7e+02
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US-08-863-639A-13/c

Sequence 13, Application US/08863639A Patent No. 5981185 GENERAL INFORMATION:

APPLICANT:

Matson, Robert S. Coassin, Peter J.

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US-08-863-639A-13
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Best Local Similarity
Matches 16; Conserv
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MEDIUM TYPE: Diskette, 3.50 inch, 1.44 M
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 Version
CURRENT APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 10532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELECHONE: (626) 796-4000
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM; PC-DOS/MS-DOS
SOFTWARE: WORDPERPECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416,214A
PILING DATE: 04-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: PECCHE METERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bergan, Raymond; Neckers, Len
TITLE OF INVENTION: Inhibition Of Protein
TITLE OF INVENTION: Kinase Activity By Aptameric Action Of
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 12
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Shaldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: Other nucleic acid
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LENGTH: 21 base pairs
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MEDIUM TYPE: FLOPPY
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APPLICANT: Caskey,
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
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STRANDEDNESS: single
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Caskey, C. T.
VENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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88.9%;
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Pred. No. 1.7e+02;
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HYPOTHETICAL: Yes
HYPOTHETICAL: Yes
HYPOTHETICAL: No
US-08-416-214A-12
; ANTI-SENSE: US-09-082-253-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 246
US-09-082-253-13/c
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APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTH
APPLICANT: FLEMING, TIMOTH
                                                                                                                                  TELEFAX: (314) 727-609
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 421792
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION UNBER: 08/455,896
FILING DATE: 05/31/1995
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
                                                                                                                                                                                                   REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 95
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,253
                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                              MOLECULE TYPE: HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEPAX: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 63105-1817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: Nucleic acid
STRANDEDNESS: Single
                                                                                  STRANDEDNESS:
                                                                                                                                                                                      TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: MISSOURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
                                                                   TOPOLOGY:
                                                                                                                    LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
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Similarity 88.9%; Pred. No. 1.
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7733 FORSYTH BOULEVARD, SUITE 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                      (314) 727-6092
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                                                                  linear
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                                                  CDNA to mRNA
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DNA SEQUENCE AND ENCODED

MAMMARY-SPECIFIC BREAST CANCER PROTEIN
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0

Query Match

1.1%;

Score 14.8;

BB

Length 21;

Best Local Similarity

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RESULT 248
US-09-009-913-66
; Sequence 66, Application US/09009913
; Patent No. 6087485
                                                                                                                                                                                                                        US-08-271-882B-2
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                                                                                                                                                  Query Match
Best Local Similarity
Matches 16; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence
                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: RODALD G.
TITLE OF INVENTION: (
TITLE OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/146,504
FILING DATE: NO. 6017696ember 1
ATTORNEY/AGENT INFORMATION:
NAME: MUTPHY, DAVId B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 207/26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,882B
FILING DATE: July 7, 1994
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                    TELEFAX:
                                                                                                                                                                                                                                                                                     LENGTH:
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                                                                                                                           1520 АЛАЛАЛАЛАЛАСТАЛА 1537
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5. 6017696
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                                                                                               AAAAAAAAAAAAAAAA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Michael J. Heller
Eugene Tu
Glen A. Evans
                                                                                                                                                                                                                                                                                                                                                    (213) 955-0440
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SELF-ASSEMBLING
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Pred. No. 1.7e
0; Mismatches
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0; Mismatches 2;
                                                                                                                                                                          8; DB 1;
1.7e+02;
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APPLICANT: Brenner, Sydney
TITLE OF INVENTION: Improved compositions for sorting polynucleotides
FILE REFERENCE: 803-03
CURRENT APPLICATION NUMBER: US/09/183,650B
CURRENT FILING DATE: 1998-10-30
EARLIER APPLICATION NUMBER: US 08/485,105
EARLIER APPLICATION NUMBER: US 08/359,295
EARLIER APPLICATION NUMBER: US 08/359,295
EARLIER FILING DATE: 1994-12-19
EARLIER FILING DATE: 1994-10-13
SAPLIER FILING DATE: 1994-10-13
INUMBER OF SEQ ID NOS: 23
SOPTWARE: Microsoft Word97
SEQ ID NO 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
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TYPE: DAY ARTIFICIAL Sequence ORGANISM: Artificial Sequence FEATURE: No. 6140489special biological significance. NAME/KEY: Primer.
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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TITLE OF INVENTION: Asthma Related Ge
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SE
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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COMPUTER: IBM COMPC
OPERATING SYSTEM: DOS
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CITY: Palo Alto
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Similarity 80.0%;
16; Conservative
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285 Hamilton Ave, Suite 200
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-162-622-13/c
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Best Local S
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APPLICANT: Heller, Michael J.
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                                                                                  SEQ ID NO 13
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LENGTH: 21
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                                                                                                                                                                              EARLIER
EARLIER
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APPLICANT: Tu, Eugene
APPLICANT: Evans, Glen A.
APPLICANT: Evans, Glen A.
APPLICANT: Sosnowski, Ronald G.
APPLICANT: Sosnowski, Ronald G.
TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
CURRENT APPLICATION NUMBER: US/08/726,278
CURRENT FILING DATE: 1996-10-04
PRIOR APPLICATION NUMBER: 08/271,882
PRIOR APPLICATION NUMBER: 08/271,882
PRIOR EILING DATE: 1994-07-07
RUMBER OF SEQ ID NOS: 44
NUMBER OF SEQ ID NOS: 44
                                                                                                  EARLIER APPLICATION NUMBER: 08/455,896
EARLIER FILING DATE: 199-05-31
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/162,622
CURRENT FILLING DATE: 1998-09-29
EARLIER APPLICATION NUMBER: 08/933,149
EARLIER FILING DATE: 1997-09-18
                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 6029-5134
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                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Mammaglobin, TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                      APPLICANT: WATSON, MARK A APPLICANT: FLEMING, TIMOTHY P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Sequences OTHER INFORMATION: Labeling
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                  TYPE: DNA ORGANISM: Artificial Sequence
                                                          LENGTH: 21
        FEATURE:
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FILING DATE: 1996-05-31
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Pred. No. 1.7e+02;
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Pred. No. 1
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RESULT 253
PCT-US96-08235-13/c
; Sequence 13, Application PC/TUS9608235
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, OTHER INFORMATION: Description of Artificial Sequence:Synthetic US-09-162-622-13
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US-09-509-015-13/c
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Patent No. 6677428
                                                                                                                             Query Match
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Best Local (
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APPLICAMT: WATSON, MARK S., FLEMING, TIMOTHY P.

APPLICAMT: WATSON, MAMMAGLOBIN, A SECRETED

TITIE OF INVENTION: MAMMAGLOBIN, A REAST CAN
                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 13:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALENTIN Release #1.0, Version #1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,015
FILING DATE: 30-May-2000
CLASSIFICATION - CURROWN>
PRIOR APPLICATION NUMBER: PCT/US98/17991
PRIOR APPLICATION NUMBER: PCT/US98/17991
APPLICATION NUMBER: 08/933,149
                                                                                                                                                                                                                          HYPOTHETICAL: NO ANTI-SENSE: NO
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                                         1520 AAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                      MOLECULE TYPE: cDNA to mRNA
                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
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21
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                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: MISSOURI
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STREET: 7733 FORSYTH
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                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX:
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TH BOULEVARD,
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Pred. No. 1
                                                                                                             Score 14.8;
Pred. No. 1
                                                                                        Mismatches
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, SUITE 1400
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                                                                                        Indels
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GENERAL INFORMATION:

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GENERAL INFORMATION:
APPLICANT: EMRICH, Hermann
APPLICANT: HINZPETER, Matthias
APPLICANT: HINZPETER, Matthias
APPLICANT: KARL, Gerlinde
TITLE OF INVENTION: METHOD FOR THE DETECTION OF
TITLE OF INVENTION: POLYMERASE ACTIVITY
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
STREET: 655 Fifteenth St., NM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PCT-US96-08235-13
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                                                                                                                                                                                                                                                                                                                                               equence 6, Application US/08973857 atent No. 6221584
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HYPOTHETICAL: N
ANTI-SENSE: NO
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08235
FILING DATE:
ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
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STREET: 7733 FOR:
CITY: ST. LOUIS
STATE: MISSOURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
TTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
les 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                     COUNTRY:
                                                                                                                                     CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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TH BOULEVARD, SUITE 1400
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Pred. No. 1.7e+02;
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   Version #1.30
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; Sequence 13, Application US/08536559A
; Patent No. 5994061
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                                                                                                                      ; DESCRIPTION: US-08-536-559A-13
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                                                           Matches
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Best Local Similarity
                                                                                        Query Match
                                                                                                                                                                                                                              APPLICATION NUMBER: US INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPAX: (202) 638-4810
INFORMATION FOR SEQ ID NO: (SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: PCT/EP96/05245
                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: 1
FILING DATE: 24-OCT-
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                                                                           Local
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16 CTGCCCCGCCCGCAG 1
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                                                           Conservative
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Pred. No. 1.7e+02;
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                                                           Score 14.4; DB 1;
Pred. No. 1.7e+02;
0; Mismatches 1
                                                                                                                                        SP1"
                                                                                                                                                                                                                                                                                             Version #1.30 (EPO)
                                                                                        DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 19;
                                                                                        Length 17;
                                                           0,
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                                                           Gaps
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RESULT 257
US-09-474-432B-312/c
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                                                                                                                           Sequence 312, Application US/09474432B Patent No. 6528640 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2545, Application US/08584040 Patent No. 6346398
                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                         Query Match
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COMPUTER: IBM COMPATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WOR'D PETECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 60/005,974
PRIOR APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 26,1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
                                                                                        APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Beigelman, Leo
                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
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TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT: Stinchcomb, Dan T.
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                                                                                                                                                                                                                                                                                                                 Local Similarity 93.8%;
les 15; Conservation
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
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California
                                                                                                                                                                                                                                                                                                                                                                                                                                             nucleic acid
Burgin, Alex
Beaudry, Amber
Karpeisky, Alex
Adamic, Jasenka
Sweedler, David
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                                                                                                                                                                                                                                                                                                                                                                                                              linear
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TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
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Pred. No. 1.7e+02;
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US-09-474-432B-312
GENERAL INFORMATION:
APPLICANT: Raibozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1069
LENGTH: 17
                                                                                        Sequence 311, Application US/09476387 Patent No. 6617438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1069, Application US/09371772B Patent No. 6566127
                                                                                                                                                                                                                                                                                                                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE; HENBERO 1037/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
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APPLICANT: McSwiggen,
APPLICANT: Stinchcomb,
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PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR FILING DATE: 1998-11-04
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CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
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TYPE: RNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                  Local
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Stinchcomb, Dan
Escobedo, Jaime
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                                                                                                                                                                                                                                                                                                                                                  1.0%; Score 14.4; DB 1; 93.8%; Pred. No. 1.7e+02;
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93.8%; Pred. No. 1.
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RESULT 260
US-09-866-108A-1459/c
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-311
                                                           PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00663
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TITLE OF INVENTION: Nucleotide Triphosphate and
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR FILING DATE: 1999-04-28
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SEQ ID NO 311
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEDMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-010-04
PRIOR PILING DATE: 2000-010-07
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PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
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PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
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                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00666
FILIAG DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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PENN, Sharron G.
HANZEL, David K.
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Adamic, Jasenka Matulic
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Application data removed NOS: 15755
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Pred. No. 1.
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                    See File Wrapper or PALM
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US-09-866-108A-1460/c
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US-09-866-108A-1460
                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR PRICING DATE: 2001-01-30
PRIOR PRICING DATE: 2001-01-30
PRIOR PRICING DATE: 2001-01-30
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                                                                                                                                                                                                                                                        Patent No. 668
SEQ ID NO 1460
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SEQ ID NO 1459
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                                                                                                                            Query Match
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Natent No. 6686188
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggai
APPLICANT: PENN, Shar:
APPLICANT: HANZEL, Dav
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                                     332 TTCCCAGGAGCTCCTG 347
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  TTCCCAGGAGCTGCTG
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HANZEL, David
                                                                                 Conservative
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93.8%;
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93.8%;
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Pred. No. 1.7e
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                                                                                 Score 14.4; D
Pred. No. 1.7e
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RESULT 263
US-09-866-108A-2271/c
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                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggan
APPLICANT: PENN, Sharx
APPLICANT: HANZEL, Dav
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                                                                                                                                                                                                                                                                                 Sequence 2271, Application US/09866108A Patent No. 6686188
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SEQ ID NO 2270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYCSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE FILE REFERENCE: RECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US01/00668 PRIOR FILING DATE: 2001-01-30 PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Remaining Prior Application data removed -
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PRIOR TILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: GU, Yizhong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
nes 15; Conserv
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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o. 6686188
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                                                                                                                                       PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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HANZEL, David K.
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PENN, Sharron
                                                                                                                                                                                                                           JI, Yonggang
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Pred. No. 1.
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RESULT 265 US-09-422-978-9989

Sequence 9989, Application US/09422978 Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, Marta

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                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-280-409-46
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; SEQ ID NO 2271
; SEQ TD NO 2271
                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 46
LENGTH: 18
                                                            Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       Patent No. 610709
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 46,
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                                                                                                                                                                                                                                                                                         APPLICANT: Lex M. Cowsert
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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                            1491 ACATTAATTGCAGAAA 1506
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18 AGATTAATTGCAGAAA 3
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                                                                Conservative
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93.8%;
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                                                                           Score 14.4; DB 1.
Pred. No. 1.8e+02
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Pred. No. 1.
                                                                Mismatches
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L.7e+02;
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                                                                                            Length 18;
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FILE REFERENCE: GENGET.02CCP1
CURRENT APPLICATION NUMBER: US 09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
ENGLIER OF SEQ ID NOS: 11796
SEQ ID NO 9989
LENGTH: 20
                                                                                                                                                                                                                           US-09-032-438C-114
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6476
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preventions of INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
                                                                                                                                                                                       Sequence 114, Application US/09032438C Patent No. 6713300
                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6476, Application US/09198452A Patent No. 6559294
                                                       APPLICANT: Rattner,
APPLICANT: Sun, Hui
APPLICANT: Lupski,
APPLICANT: Nathans,
APPLICANT: Anderson
APPLICANT: Leppert,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local
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TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-8655 for SEQ 2124, in compleme
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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: Sun, Hui
Lupski, James R.
Nathans, Jeremy
Anderson, Kent L.
Leppert, Mark
Dean, Michael
Singh, Nanda
Shroyer, No. 6713300h F.
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Pred. No. 2e+02;
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Pred. No. 2e+02;
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APPLICANT: Smallwood, Philip M.
APPLICANT: Allikmets, Rando
APPLICANT: Lewis, Richard A.
APPLICANT: Lewis, Richard A.
APPLICANT: Li, Yixin
TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For TITLE OF INVENTION: Transporter And Methods Of Screening For TITLE OF INVENTION: APP-Binding Cassette Transporter FILE REFERENCE: BYLR-0065
CURRENT APPLICATION NUMBER: US/09/032,438C
CURRENT FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: US 60/039,388
PRIOR FILING DATE: 1997-02-27
NUMBER OF SEQ ID NOS: 120
NUMBER OF SEQ ID NOS: 120
                                                                                                                                                      ; ORGANISM: Homo Sapiens
; ERATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification
US-09-422-978-6158
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                                   S
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US-09-422-978-6158
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                                                                          Query Match
Best Local S
Matches 16
                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6158
LENGTH: 19
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Best Local
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SEQ ID NO 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 653775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6158,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                            TYPE: DNA
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                      1105 TAACTTCCATTTTTCCCCC 1123
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TACTITCTATTTTCCCCC 19
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                                                                              Conservative
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Pred. No. 2e+02;
0; Mismatches 1;
                                                                                              Score 14.2;
Pred. No. 2
                                                                              Mismatches
                                                                                              .1e+02;
                                                                                                                   DB 1;
                                                                                                                                                                             primer 99-9421 for
                                                                                                                 Length
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Agents That Modify
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RESULT 269 US-09-696-791-4049

Sequence 4049, Application US/09696791 Patent No. 6770633

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HYPOTHETICAL:
; ANTI-SENSE: 1
US-08-052-404-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4049
 Query Match
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                                                                                                                                                                  TELEPHONE: 619-235-855
TELEPAX: 714-760-9502
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Leff, Richard
TITLE OF INVENTION: Human Histidyl tRNA Synthetase
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/052,404
FILING DATE: 19390422
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 19
                                                                                                                                                                                                                                                             NAME: Fuller, Michael L.
REGIERATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NII
TELECOMMUNICATION INFORMATION:
                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Nichole, Ralph
APPLICANT: Plotz, Paul
APPLICANT: Leff, Richard
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Local Similarity 84.2%;
hes 16; Conservative
                                                                                                                             STRANDEDNESS:
                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                TOPOLOGY:
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Pred. No. 2.1e
0; Mismatches
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 Score 14.2;
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 DB 1;
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Length 20;
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                                                US-08-837-201C-125/c
Sequence 125, Application US/08837201C
Patent No. 598558
GENERAL INFORMATION:
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US-08-479-156-7
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Matches
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
PRILING DATE: 22.APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fuller, Michael L.
REGISTRATION NUMBER: 36,51
REFERENCE/DOCKET NUMBER: N
                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: CDN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                             HYPOTHETICAL:
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Rabin, Nina
APPLICANT: Nichols, Ralph
APPLICANT: Plotz, Paul
APPLICANT: Leff, Richard
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                               Local
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TELEPHONE: 619-1.
TELEPHONE: 619-1.
TELEPHONE: 619-1.
TELEPHONE: 619-1.
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FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
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                                                                                                                                                                                                                                               Similarity
                                                                                                                                                                                                                                                                                                                                                                                            nucleic acid
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Pred. No. 2.3e
0; Mismatches
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                                                                                                                                                                                                                                                2.3e+02;
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                                                                                                                                                                                                                                                               Length 20;
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; TOPOLOGY: Line; ANTI-SENSE: Yes US-08-837-201C-125
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                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 132,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 125:
                                                                                                                                                                                                                                                                                                                                                                       equence 132, Application US/08837201C stent No. 5985558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/8:
FILING DATE: April 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201C
FILING DATE: April 14, 1997
                                                                                                                                                                                                                                                                                      APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. APPLICANT: Miraglia; Brenda F. Baker TITLE OF INVENTION: Antisense Oligonucleotide TITLE OF INVENTION: Compositions and Methods for the Modulation of TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,7257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: DISKETT
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                                                                                                                                                                                 STREET: 66 Ear
CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: Singl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 66 Eat
CITY: Marlton
                                                                                                                                            COUNTRY: U
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STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                     DDRESSEE:
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                                                                                                                                                                                                                 66 East Main Street
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                                                                                                                                                                                                                                    Law Offices of Jane Massey Licata
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WINDOWS 95
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Pred. No. 2.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 20;
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; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-08-837-201C-132
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/08914961 Patent No. 6018042
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Best Local S
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                                                                                                                                                                                        APPLICATION NUMBER: US/08/914,961
FILING DATE: 20-AUG-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/287,753
APPLICATION NUMBER: US 08/287,753
APPLICATION NUMBER: US 08/287,753
APPLICATION NUMBER: US 08/287,753
APPLICATION NUMBER: 32,943
REGISTRATION NUMBER: 32,943
REGISTRATION NUMBER: 32,943
REGISTRATION NUMBER: 4-20047/P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IBLEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 1
                                                                                                      TELEFAX: (919) 541-8689 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-SOFTWARE: ASCII Editor CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Jane Massey Licata
RESISTRATION NUMBER: 32,257
REFERENCE DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (919) 541-8615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Haner, Robert
APPLICANT: Dean, Nicholas Mark
TITLE OF INVENTION: Antitumor Antisense Oligonucleotides
   MOLECULE TYPE:
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
TYPE: """
STRANDENNESS: BIRGL
TOPOLOGY: linear
TOPOLOGY: DNA (genomic)
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                                                                                     ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New York
                                                                                     20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CIBA-GEIGY Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.0%;
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                                                                                                                                                                                               4-20047/P1
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Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ISPH-0209
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Gaps

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US-09-488-671-143
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                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Kambara, Hideki
APPLICANT: Uematsu, Chihiro
TITLE OF INVENTION. DNA FRAGMENT ANALYSIS METHOD AND REAGENT KIT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION FILE REFERENCE: RTS-0.123
CURRENT APPLICATION NUMBER: US/09/488,671A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 143
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 143, Application US/09488671A
Patent No. 6187545
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
                                                                                                                                           FILE REFERENCE: ASA-757
CURRENT APPLICATION NUMBER: US/09/228,942
CURRENT FILING DATE: 1999-01-12
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                               Sequence 7, Application US/09228942 Patent No. 6203988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
Matches 16; Conserv
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 Query Match
                                                                                                                                                                                                                                                                                                                                                                                     -09-228-942-7/c
                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                  OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide ligated to 3' end of DNA fragment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   POSITION IN GENOME: MAP POSITION: 979
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OTHER INFORMATION: /no OTHER INFORMATION: pho
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mes 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note= "All nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
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Pred. No. 2.3e+02;
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Pred. No. 2.3e+02;
 Score 14.2;
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 DB 1;
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Length 20;
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Sequence 340, Appl Patent No. 6251588

Application US/09021701

GENERAL INFORMATION:
APPLICANT: Shanno:

Shannon, Karen Wolber, Paul K.

Karen W.

Delenstarr, Glenda C. Webb, Peter G.

APPLICANT:

APPLICANT:

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; MOLECULE TYPE: CI
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-339
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US-09-021-701-340
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US-09-021-701-339
                                                                                                                  Query Match
Best Local Similarity
Matches 16; Conserv
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Matches 16; Conser
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                                                                                                                                                                                                                                                                                                                     TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/021,701
APPLICATION NUMBER: US/09/021,701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Methods for evaluating oligonucleotide TITLE OF INVENTION: probe sequences NUMBER OF SEQUENCES: 1165
                                                                                                                                                                                                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 10-FEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                             TOPOLOGY:
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                                                                                                                                                                                                                                                                                        LENGTH:
                                                                                       1246 TCTTTGTTTTTTTTAA 1264
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                                                          2 TCTGGATTTTGTTTTTAA 20
                                                                                                                                                                                                                                                                     nucleic acid
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                                                                                                                                                                                                                                                                                      20 base pairs
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3000 Hanover Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Webb, Peter G.
Kincaid, Robert H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Wolber, Paul K.
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                                                                                                                                   Score 14.2;
Pred. No. 2.
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0; Mismatches
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                                                                                                                      Mismatches
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                                                                                                                                                 Length 20;
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                                                                                                                     Gaps
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US-09-021-701-340
                                                                                                     , ORGANISM: Artificial Sequence , FEATURE: , OTHER INFORMATION: Antisense Oligonucleotide US-09-489-869-23
                                                                                                                                                                          APPLICANT: Sugan Murray
APPLICANT: Lex M. Cowmert
APPLICANT: Lex M. Cowmert
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT APPLICATION NUMBER: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 23
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                Sequence 23, Application US/09489869A Patent No. 6268151 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
                                  Matches
                                                                    Query Match
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTMARE: PATCHAIL Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kincaid, Robe
TITLE OF INVENTION: Meth
TITLE OF INVENTION: POI
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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HYPOTHETICAL:
ANTI-SENSE: NO
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
                                Local Similarity hes 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1246 TCTTTGTTTTGTTTTTTAA 1264
 412 GTCCGGCACAGAGTGGCGG 430
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                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Records Manager, Legal Department, Hewlett-Packard Company M/S 20
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                                                  1.0%;
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1165
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                                0;
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                                                  Score 14.2; DB 1;
Pred. No. 2.3e+02;
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Pred. No. 2.3e+02;
                                  Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Version #1.30
                                                                 Length 20;
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                                  Indels
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RESULT 282
US-09-364-416-125/c
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US-09-306-998-6
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US-09-428-583-18
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                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Homo sapiens US-09-306-998-6
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CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                      Sequence 125, Application US/09364416 Patent No. 6312900
                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bartel, Paul L.
APPLICANT: Tavtigian, Sean V.
ARPLICANT: Tavtigian, Sean V.
TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
FILE REFERENCE: MMSC2
CURRENT APPLICATION NUMBER: US/09/306,998
CURRENT FILING DATE: 1999-05-07
EARLIER APPLICATION NUMBER: US 60/084,740
EARLIER PILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                  APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren APPLICANT: Miraglia; Brenda F. Baker
                                                                                                                                                                                                                                                                                                ocal
                                                                                                                                                                                                                                             1238 CTTCCTCATCTTTGTTTTG 1256
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                                                                                                                                                                                                                                                                              al Similarity 84.2%;
16; Conservative
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6271029
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Antisense Oligonucleotide
Compositions and Methods
Activating Protein 1
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Pred. No. 2
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Pred. No. 2.
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                   for the Modulation
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CORRESPONDENCE ADDRESS: NUMBER OF SEQUENCES:

ADDRESSEE:

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RESULT 283
US-09-364-416-132/c
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Patent No. 6312900
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation
TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UMBER: US/08/837
APPLICATION UMBER: US/08/837
PILING DATE: April 14, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                 ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
                                                                         COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: Line
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOCTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                    STREET: 66 Ear
CITY: Marlton
                  APPLICATION NUMBER: US/09/364,416 FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: Nucleic Acid
STRANDEDNESS: Sing
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Marlton
                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                               ADDRESSEE:
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66 East Main Street
                                                                                                                                                                                                                 USA
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                                                                                                                                                                                                                                                                                             Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DISKETTE, 3.5 INCH, 1.44 MB STORAGE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.0%; Score 14.2; DB 1;
84.2%; Pred. No. 2.3e+02;
ative 0; Mismatches 3;
                                                                                                                   WINDOWS 95
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; Sequence 4, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Edholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Nielsen, Peter Ligil
; APPLICANT: Nielsen, Peter Ligil
; APPLICANT: Nielsen, Peter Ligil
; TITLE OF INVENTION: Peptide Nucleic Acids
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US-08-108-591B-4
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US-09-342-681C-51/c
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LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local :
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Best Local
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TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins FILE OF INVENTION UNIVERSITY (1997) 142,681C

CURRENT APPLICATION NUMBER: US/09/342,681C

CURRENT FILING DATE: 1999-06-29

PRIOR APPLICATION UNMBER: 60/092,279

PRIOR PILING DATE: 1998-07-09

PRIOR FILING DATE: 1998-07-09

PRIOR FILING DATE: 1998-12-15

NUMBER: 05 EEO ID NOS: 123
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INFORMATION FOR SEQ ID NO:
FILE REFERENCE: ISIS0540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide primer that were used to clone OTHER INFORMATION: human DL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/0.
FILING DATE: April 14, 1:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Line
ANTI-SENSE: Yes
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                                                                                                                                                                                                                                                                                                                  1018 ACCTGGAGATTGACGCAGA 1036
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Similarity 84.2%; Pred. No. 2.34
16; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                           h 1.0%; Score 14.2; DB 1;
Similarity 84.2%; Pred. No. 2.3e+02;
16; Conservative 0; Mismatches 3
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RESULT 287
US-09-907-843-83
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                                     US-09-907-843-83
                                                                                                      Sequence 83, Application US/09907843

Patent No. 6440739.

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freiter
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
FILE REFERENCE: RTS-0279
CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 11, Application US/09661753

Patent No. 6436909

GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
TITLE OF INVENTION: ANTIENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
FILE REFERENCE: ISH-0498

CURRENT APPLICATION NUMBER: US/09/661,753

CURRENT FILING DATE: 2000-09-14

EARLIER APPLICATION UNBER: 60/154,546

EARLIER FILING DATE: 1999-09-17

NUMBER OF SEQ ID NOS: 68
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LENGTH: 20
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CURRENT FILING DATE: 2001-08-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 20
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Best Local Similarity
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 Query Match
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ORGANISM: Artificial Sequence
FEATURE:
TIPODUATTON. Antigense
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ORGANISM: Artificial Sequence
PEATURE:
                                                     FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                     ORGANISM: Artificial Sequence
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Pred. No. 2.3e+02
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Pred. No. 2.3e+02;
Score 14.2;
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Length 20;
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RESULT 290
US-09-198-452A-5443/c
US-09-198-452A-5443/c
; Sequence 5443, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
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                                                                                                                                                                                                                                                                                                                         ; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4133
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US-09-198-452A-4133/c
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US-09-705-267A-113
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4133, Application US/09198452A Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 113
LENGTH: 20
TYPE: DNA
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local Similarity
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APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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Pred. No. 2.3e+02;
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Pred. No. 2.3e+02
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CURRENT APPLICATION NUMBER: US/09/723,368
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: U.S. 60/087,862
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: PCT/US99/12235
PRIOR FILING DATE: 1999-06-02
NUMBER OF SEQ ID NOS: 26
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 5
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer PRR2A8
US-09-723-368-5
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5443
LENGTH: 20
TYPE: DNA
ROANISM: Chlamydia pneumoniae
US-09-198-452A-5443
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                                                                                                                                                   RESULT 292
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Best Local Similarity
Matches 16; Conserv
                                                                      Sequence 4, Application US/08468719A Patent No. 6710163
GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter I
APPLICANT: Berg, Rolf H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: KRUMMENACHER, Claude
APPLICANT: UNIVERSITY OF PENNSYLVANIA
TITLE OF INVENTION: CELLULAR PROTEINS WHICH MEDIATE HERPESVIRUS
FILE REFERENCE: 200290.0050/2U1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION:
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GERAGHTY, Robert G.
MARTINEZ, Wanda M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EISENBERG, Roselyn J. WHITBECK, Charles J.
                                                                                                                                                                                                                                                                                  Conservative
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Pred. No. 2
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Pred. No. 2.3e+02
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                                                                                                                                                                                                         US-09-164-249B-6/c
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                                                                                                                                               Sequence 6, Application US/09164249B Patent No. 6322971 GENERAL INFORMATION:
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS FILE REFERENCE: ISPS-1999
CURRENT APPLICATION NUMBER: US/08/468,719A
CURRENT FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: US 08/108,591
PRIOR FILING DATE: 1993-11-22
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/08/462,977B CURRENT FILING DATE: 1995-06-05 PRIOR APPLICATION NUMBER: 08/108,591 PRIOR FILING DATE: 1993-11-22 NUMBER OF SEQ ID NOS: 43 SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
FILE REFERENCE: ISIS-1993
   PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
OTHER INFORMATION: No. 6713602el Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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Similarity 84.2%; Pred. No. 2
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84.2%; Pred. No. 2
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Length 20;
Indels
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Gaps
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Length

Indels 20;

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APPLICANT: Chetverin, Alexander B.
APPLICANT: Kramer, Fred Russel
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
FILE REFERENCE: 07763-004003
CURRENT APPLICATION NUMBER: US/09/164,249B
CURRENT FILING DATE: 1998-09-30

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APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Parimoo, S.
APPLICANT: Stemn, K.
APPLICANT: Stemn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
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US-08-724-466B-17/c
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US-08-832-021-5/c
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LENGTH: 24
TYPE: DNA
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Best Local Similarity 84.2%;
Matches 16; Conservative
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                                                                                                                                    GENERAL INFORMATION:

APPLICANT: Betkovich, P. Martin, White, Jay A.,

APPLICANT: Beckett, Barbara R., Jones, Glenville

TITLE OF INVENTION: Retinoid Metabolizing Protein

NUMBER OF SEQUENCES: 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 18
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Blake, Cassels & Graydon
COUNTRY: Canada
COMPUTER READABLE FORM:
                  CITY: Toronto
ZIP: M5L 1A9
COUNTRY: Canada
                                                                                                                                                                                                                                                                                                                                                                                                                                                          y Match 1.0%; Score 14; DB 1; Length 14; Local Similarity 100.0%; Pred. No. 1.7e+02;
                                                                              STREET:
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Pred. No. 2.7e+02;
0; Mismatches 3;
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RESULT 298
US-08-882-164D-17/c
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                                                                                                                                                                                                                                                                                                                            SEQ ID NO 6
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Best Local Similarity
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Best Local :
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TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
FILE REFERENCE: (1300)-1199.002
CURRENT APPLICATION NUMBER: US/08/787,321A
CURRENT FILING DATE: 1997-01-03
EARLIER APPLICATION NUMBER: US PROV 60/009,918
EARLIER FILING DATE: 1996-01-12
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.1
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                        LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,466B
FILING DATE: October 1, 1996
PRIOR APPLICATION DATA:
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 50
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/667,1 FILING DATE: June 21, 1996 ATTORNEY/AGENT INFORMATION: NAME: Hunt, John C. REGISTRATION NUMBER: 36,424 REGISTRATION NUMBER: 36,424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette, 3 1/2 inch, COMPUTER: COMPAQ, IBM PC compatible OPERATING SYSTEM: MS-DOS 5.1
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Similarity 100.0%; F
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L00.0%; Pred. No.
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Pred. No.
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3. 1.7e+02;
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; Sequence 17, Application US/08882164D; Patent No. 6306624; GENERAL INFORMATION:

APPLICANT:

Petkovich, P. Martin, White, Jay A., Beckett, Barbara R., Jones, Glenville

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RESULT 299
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FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: October 1, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunt, John C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (416) 863-2653
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 inch, 1
COMPUTER: COMPAQ, IBM PC compatible
OPERATING SYSTEM: MS-DOS 5.1
SOFTWARE: WORD PERFECT
CITEDERE NO. 2007
           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                       APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
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FILING DATE: June 25, 1997
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                       COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
                                                                                                                                                                       COUNTRY: U
                                                                                                                                                                                                                          STREET: 225 Son
CITY: Pasadena
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity 100.0%; Incal Similarity 100.0%; Incal 14; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00010
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CLASSIFICATION:
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Box 25, Commerce Court West
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225 South Lake Avenue,
                                                                                                                                                                                         USA
                                                                                                        3: Diskette, 3
IBM compatible
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                                                                                                                                3.50 inch, 1.44 Mb storage
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; Pred. No.
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                                                                                                                                                                                                                                                  9th Floor
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                                                                                                                                                                                                                        US-08-832-021-18/c
                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-17
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US-08-832-021-17/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Pardinas, J.
APPLICANT: Partimoo, S.
APPLICANT: Partimoo, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 17
LENGTH: 15
                                                                                                                                                                      Patent No. 6045998
GENERAL INFORMATION:
                                                                                                                                                                                                         Sequence 18,
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: J9F-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (626) 795-632: INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Joseph E. Muel
REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                            1518 TTAAAAAAAAAAA 1531
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                                                                                                                                                                                       8, Application US/08832021
6045998
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100.0%; Pred. No. 1.
tive 0; Mismatches
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Best Local Similarity lov.
14; Conservative
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CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 19
LENGTH: 15
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Patent No. 5473060
GENERAL INFORMATION:
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Patent No. 6045998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RENEAL INFORMATION:
APPLICANT: Combaces, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardimoo, S.
APPLICANT: Scenn, K.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
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               SOFTWARE: Microsoft Word for Windows, vers. 2.0 CURRENT APPLICATION DATA:
                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 in
                                                                                                                                                                                                                                                TITLE OF INVENTION: C
                                             COMPUTER: IBM compatible OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics STREET: 465 Lincoln Centre Drive CITY: Foster City STATE: California
APPLICATION NUMBER:
                                                                                                                    ZIP: 94404
                                                                                                                                COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                            1518 TTAAAAAAAAAAA 1531
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                                               Windows 3.1/DOS 5.0
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100.0%; Pred. No. 1.8e+02;
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Pred. No.
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                                                               US-08-455-627-6
Query Match 1.0%; Sometimes 1.0%; Sometimes 10.0%; Matches 14; Conservative 0;
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                        TELEFAX: 415-857-0663
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                 REGISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: LYI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N.
REGISTRATION NUMBER: 35,9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
                                                                           MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply TITLE OF INVENTION: Connected Macromolecular Structures
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                              TOPOLOGY:
                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                       TELEPHONE:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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(415) 35
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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 s; Score 14; DB
s; Pred. No. 2e+
0; Mismatches
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Pred. No.
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2e+02;
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US-08-461-271-6/c
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                                                                                                                                                            Sequence 6, Application US/08713685A
Patent No. 5817795
GENERAL INFORMATION:
APPLICANT: Sergei M. Gryaznov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sequence 6, Application US/08461271
Patent No. 5741643
                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/461,
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/087,387
FILING DATE: 2-Jul-93
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REGISTRATION NUMBER: 104
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (415) 358-7794
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
STREET: 465 Lincoln Centre Drive
                                                                                                                           APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Oligonucleotide
TITLE OF INVENTION: and therapeutic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft Word for Windows,
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 5.25 in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Oligonucleotide clamps having diagnostic TITLE OF INVENTION: and therapeutic applications NUMBER OF SEQUENCES: 6
                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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STATE: C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                             Local
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14; Conserv
               Foster City
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                                                                                                                                                                                                                                                                                                                                                                                      1.0%; Score 14; DB 1; Length 16; 100.0%; Pred. No. 2e+02; tive 0; Mismatches 0; Indels
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US-08-689-856-6/c
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APPLICANT: Sergei
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 2-Jul-93
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: 104
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,856
                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 31-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Convergent
TITLE OF INVENTION: Connected
NUMBER OF SEQUENCES: 26
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APPLICATION NUMBER:
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COMPUTER READABLE FORM:
TELECOMMUNICATION INFORMATION: TELEPHONE: 415-843-5000
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CTTY: Palo Alto
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                                      NAME: Nakamura, Jackie N. REGISTRATION NUMBER: 35,966 REFERENCE/DOCKET NUMBER: LY
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TYPE: nucleic acid
STRANDEDNESS: single
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Five Palo Alto Square,
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                                        LYNX-003/01 US
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Pred. No. 2e+02;
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Best Local Similarity 100.0%; F
Matches 14; Conservative 0;
                                                                 Matches
                                                                               Query Match
Best Local Similarity
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SEQUENCE CHARACTERISTICS:
LENGTH: 16 nucleotides
                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PAPPLICATION DATA:
PAPPLICATION NUMBER: US 08/030,143
FILING DATE: 11-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
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APPLICANT: Cros, Philippe
APPLICANT: Mach, Bernard F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Tiercy, Jean-Marie
TITLE OF INVENTION: SYSTEM OF PROBES
TITLE OF INVENTION: TO BE PERFORMED,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 8
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CITY: Alexandria
STATE: Virginia
ZIP: 22320
                                                                                                                                                               LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                      NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 28596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/485,133 FILING DATE: 7-JUN-1995
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STRANDEDNESS: single
TOPOLOGY: linear
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                                                                 Conservative
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                                                                                                                                                   linear
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                                                               1.0%; Score 14; DB
100.0%; Pred. No. 2e-
tive 0; Mismatches
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Pred. No. 2e+02;
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                                                                               DB 1;
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                                                                                               Length 16;
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RESULT 310
US-08-584-040-2549/c
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US-09-070-477-6/c
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                                                                                                                                                                                       Sequence 2549, Application US/08584040 Patent No. 6346398 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
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FILING DATE:
APPLICATION NUMBER: 08/087
APPLING DATE: 2-Jul-93
ATTORNEY/AGENT INFORMATION:
         APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Bscibbedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: Windows 3.1/DOS 5.0 SOFTWARE: Microsoft Word for Windows, CURRENT APPLICATION DATA:
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LENGTH: 16 nucleotides
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APPLICATION NUMBER: U
FILING DATE:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                     APPLICANT: Pavco, Pamela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 358-7855
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Stephen C. Macevicz REGISTRATION NUMBER: 30,2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
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SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                  1.0%; Score 14; ilarity 100.0%; Pred. No. Conservative 0; Mismatc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (415) 358-7794
OR SEQ ID NO: 6:
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CORRESPONDENCE ADDRESS:

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APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/64,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR PILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
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Best Local :
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SOFTWARE: WOR'D PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 60/05,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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APPLICANT: Beigelman, Leo
SOFTWARE: PatentIn version 3.0
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INFORMATION FOR SEQ ID NO:
                     NUMBER OF SEQ ID NOS: 1526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
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Adamic, Jasenka
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APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
ITITE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
ITITE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
ITITE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
ITITE OF INVENTION: Method and Reagent for the Treatment of Diseases of Conditions Rel
ITITE OF INVENTION NUMBER: US/93/371.772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1073
LENGTH: 17
TYPE: RNA
COCANITSM: Homo Sapiens
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                Sequence 312, Application US/09476387 Patent No. 6617438
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                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                        APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
               PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
                                                                                                                                                                                                                                                                                                                        APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Beigelman, Leo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ribozyme Pharmaceuticals, Inc.
PRIOR FILING DATE: 1998-11-04
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Stinchcomb, Dan
Stinchcomb, Jaime
                                                                                                                                                                                                               Karpeisky, Alex
Adamic, Jasenka Matulic
Sweedler, Dave
Zinnen, Shawn
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Beaudry, Amber
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100.0%; Pred. No. 2.1e+0
ative 0; Mismatches
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100.0%; Pred. No.
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GENERAL INFORMATION:

APPLICANT: Xu, Minzhen

APPLICANT: Q'u, Gang

APPLICANT: Humphreys, Robert

TITLE OF INVENTION: CANCER CELL VACCINE

FILE REFERENCE: U.S. Application 09/205,995, (CIP)

CURRENT APPLICATION NUMBER: US/09/205,995

CURRENT FILING DATE: 1998-12-04

PRIOR APPLICATION NUMBER: 09/036,746

PRIOR APPLICATION NUMBER: 08/661,627

PRIOR APPLICATION NUMBER: 08/661,627

PRIOR PILING DATE: 1996-06-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonucleotide corresponding to a specific region
OTHER INFORMATION: of the mouse Ii gene.
US-09-205-995-48
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; ORGANISM: Homo sapiens
US-09-476-387-312
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                                                Sequence 1, Application US/09130079

Bequence 1, Application US/09130079

Patent No. 6270966

GENERAL INFORMATION:

APPLICANT: The United States of America, as represented by the APPLICANT: Secretary, Department of Health and Human Services TITLE OF INVENTION: RESTRICTION DISPLAY (RD-PCR) OF DIFFERENTIALLY EXPRESS NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear STREET: 620 Newport Center Drive, 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOPTWARE: Patentin version 3.0
SEQ ID NO 312
                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 48
LENGTH: 18
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COUNTRY:
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14; Conserv
                                Newport Beach
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Similarity 100.0%;
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Pred. No.
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                           2.3e+02;
thes 0;
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hes 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 18
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
ITILE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/092,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5030
I-ENCTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-422-978-5030/c
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                                                                                                           US-09-422-978-5030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6537751
GENERAL INFORMATION:
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                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/011
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                           TYPE: DNA
ORGANISM: Homo Sapiens
PEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-20428 for SEQ 1096,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: NI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-235-8550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM:
SOFTWARE: FastSE(
                                                      Local Similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Kirkpatrick, Anita M
REGISTRATION NUMBER: 32,617
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 619-235-0176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1519 ТАЛАЛАЛАЛАЛАЛАСТАЛА 1536
 1348 ATTTTTATTTCCC 1361
                                   14; Conservative
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15; Conserv
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Pred. No. 2.4e+02;
                                                      Score 14; DB 1;
Pred. No. 2.4e+0
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                                     Mismatches
                                                      2.4e+02;
                                                                       Length 19
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                                     Indels
                                     0
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                                     Gaps
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Query Match
Best Local Similarity
Thes 2; Conserve
                                                                                                       RESULT 318
US-09-371-772B-1070
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              Sequence 1070, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Payco, Pam
                                                                                                                                                                                                                                                                                                                                                                           IELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base 5.2
Type.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION UNMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 32,327
AREFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Escobedo, TITLE OF INVENTION: ITILE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 633 "C"
STREET: Suite 4700
CITY: LOS Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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TOPOLOGY: li
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                                                                                                                                                                                                                1302 TCTATTTTTTTTTTT 1318
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                                                                                                                                                                                                                                                                                                                                                     nucleic acid
PEDNESS: single
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                                                                                                                                                                               บ่อนค้อบบบบบบบบบบบบบ 17
McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            McSwiggen, James
                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Escobedo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                METHOD AND REAGENT FOR THE TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR
                                                                                                                                                                                                                                                                  1.0%; Score 13.8; DB 1; Length 17; 11.8%; Pred. No. 2.4e+02;
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                                                                                                                                                                                                                                                     13; Mismatches
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                                                                               ; MOLECULE TYPE: US-08-242-664-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-242-664-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
Query Match
Best Local Sim
Matches 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 11.8%;
Matches 2; Conservative 1
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LENGTH: 17
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APPLICANT: Watanab
APPLICANT: Ren, Wu
APPLICANT: Weil, R
                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,664
FILING DATE: May 12, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4463
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                     TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Complementary DNA and Toxins NUMBER OF SEQUENCES: 43
                                                                                                                       TOPOLOGY: linear
                                                                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIP: 10112
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                                                                                                                                                                                    LENGTH:
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                       Similarity
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                                                                                                                                                                                    17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Cooper & Dunham
30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ren, Wu-Yun
Weil, Roger
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    Conservative
                                                                                                    DNA (genomic)
                                                                                                                                          double
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1.0%; Score 13.8; DB 1; Length 17; 88.2%; Pred. No. 2.4e+02; tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.0%; Score 13.8;
11.8%; Pred. No. 2.
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RESULT 321
US-08-373-124A-1907
, Sequence 1907, Application US/08373124A
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                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: IBM P.C. DOS 5.0
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: JANUARY 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: February 7, 1992
APPLICATION NUMBER: 07/987,132
FILING DATE: DECember 7, 1992
APPLICATION NUMBER: 07/986,422
FILING DATE: AUGUST 26, 1992
APPLICATION NUMBER: 07/986,422
FILING DATE: AUGUST 26, 1992
APPLICATION NUMBER: 07/986,422
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 633 TOTAL STREET: Suite 4700 CITY: Los Angeles STATE: California
                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard
REGISTON NUMBER: 32,327
REFERENCEION NUMBER: 20
REFERENCEION TONEBER: 20
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 10FORMATION:
TELECOMMUNICATION 10FORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 12-
TELEFAX: 67-3510
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                                                                                                                                        1204 TTTTAAAAACAAATCCT 1220
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                                                                                                                                                                                                                                                                                                                                                                                                                                          (213) 955-0440
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Draper, Kenneth
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                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                            Score 13.8; DB 1;
Pred. No. 2.4e+02;
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                                                                                                                                                                                                                                  Length 17;
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RESULT 322
US-08-373-124A-2147/c
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                                                                                                           Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinch
APPLICANT: Draper
                                                                                                                                                                                                  Sequence 2147, Application US/08373124A
                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 5646042
                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Stinch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373.
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (213) 489-16
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
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McSwiggen, James
                                                                                                                                Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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NUMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                              1.0%; Score 13.8; DB 1; 70.6%; Pred. No. 2.4e+02; tive 3; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US/08/373,124A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        209/035
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                     0;
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NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700 CITY: Los Angeles STATE: California

COUNTRY:

U.S.A.

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Sequence 33, Application US/08484138
Patent No. 5652350
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary I
                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-484-138-33
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Best Local S
Matches 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 67.3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base "Type"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION UMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1997
APPLICATION NUMBER: 07/936,422
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGRENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                 TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Word Perfect CURRENT APPLICATION DATA:
                                                                                  STREET: 1185 Aven CITY: New York STATE: New York COUNTRY: U.S.A. ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1517 АТТАЛАЛАЛАЛАЛАГТ 1533
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   17 ATAAAAATAAAAAGT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.0%; Score 13.8; DB 1; Length 17; I Similarity 88.2%; Pred. No. 2.4e+02; 15; Conservative 0. Minimal 1.
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                                                                                                                                                                            1185 Avenue of the Americas
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US-08-435-628-1797/c
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Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
                                                                                                                                CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/373,124
                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 440
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08,
FILLING DATE: June 7, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: 08
FILING DATE: January 1
APPLICATION NUMBER: 08
FILING DATE: May 18, 1
APPLICATION NUMBER: 08
FILING DATE: February
APPLICATION NUMBER: 07
FILING DATE: December
APPLICATION NUMBER: 07
APPLICATION NUMBER: 07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                          APPLICATION NUMBER: US/08/435,628 FILING DATE: 05-MAY-1995 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Lyon & I
STREET: 633 West Fi
STREET: Suite 4700
                                                                                                                                                                                                                                                                  OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                        COMPUTER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1523 AAAAAAAAAGTAAAAGG 1539
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                   U.S.A.
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                                                                                                                                                                                                                                                                                                      IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                            January 13, 1995
UMBER: 08/245,466
                                        February 7, 1994
UMBER: 07/987,132
   December 7, 1992
JMBER: 07/936,422
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                                                                             08/192,943
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US-08-435-628-1797
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Best Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           -08-435-628-1907
APPLICATION NUMBER: 08/245.466
APPLICATION NUMBER: 08/19294
APPLICATION NUMBER: 08/192,943
APPLICATION NUMBER: 07/987,132
APPLICATION NUMBER: 07/987,132
FILING DATE: February 7, 1992
APPLICATION NUMBER: 07/986,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 32,327
APPLICATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1797:
                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: IBM P.C. D
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/43
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard REGISTRATION NUMBER: 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IBM Compatible
                                                                                                                                                                                                                                                                                   January 13, 1995
UMBER: 08/245,466
                                                                                                                                                                                                                                                                                                                                                                                         TUMBER: US/08/435,628
05-MAY-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IBM P.C. DOS 5.0
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                                                                 209/035
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Pred. No. 2.4e+02;
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US-08-435-628-2147/c
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                        NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
PILING DATE: 05-MAY-199
CLASSIFICATION: 514
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LENGTH: 17 base pairs
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                                                                                                                                                  TELEFAX: (2-1)
TELEFAX: 67-3510
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                                       LENGTH:
                                                                                                                                                                                     TELEPHONE: (213) 955-0440
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/245,466 FILING DATE: May 18 1900 Application Number: 08/245,466 Application May 18 1900 Application May
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
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STRANDEDNESS:
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California
                           17 base pairs ucleic acid
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                                                                                                                                   US-08-930-102A-18
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Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                  Matches
                                                                                    Best Local
                                                                                                  Query Match
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                                                                                                                                                                                                                                                    TELEX:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Ned A. Israelsen
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: GENSET.017APC
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR96/00651
FILING DATE: 29-APR-1996
APPLICATION NUMBER: FR95/05221
FILING DATE: 02-MAY-1995
APPLICATION NUMBER: FR95/09467
FILING DATE: 03-AUG-1995
                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                            TYPE: NUC: SIRANDEDNESS: SITANDEDNESS: SITANDEDNESS: DINA
                                                                                                                                                   TOPOLOGY: 1:
MOLECULE TYPE:
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MEDIUM TYPE: Diskett
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ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                         TELEFAX: 619-235-0176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/930,102A
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                      1288 GTTTGTGTGGTTAATCT 1304
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15; Conserv
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                                                                 Conservative
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METHOD FOR THE SPECIFIC COUPLING OF THE CAP
OF THE 5'END OF AN MRNA FRAGMENT AND PREPARTION OF
COMPLETE CDNA
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Pred. No. 2.4e+02;
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Pred. No. 2.
                                                                    Mismatches
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RESULT 328

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                                                                                                                                                                                                                                                                                                                                                              US-08-851-843A-132
GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Maier, Wartin A
APPLICANT: Maier, Wartin A
TITLE OF INVENTION: Compounds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 132, Application US/08851843A Patent No. 6093809
                                                                              Sequence 5, Application US/09250075 Patent No. 6207819
                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                    Query Match
Best Local 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,843A
FILING DATE: 06-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
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STATE: California
Twited State
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Apple, Randolph T.9
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 0.11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
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APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
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APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
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TITLE OF INVENTION: No. 6093809el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION
                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                            1520 AAAAAAAAAAAAGTAAA 1536
                                                                                                                                                                                                     17 AAAAAAAAAAAAAAA 1
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                                                                                                                                                                                                                                                                                                                                                                                               H: 17 base pairs nucleic acid VDEDNESS: single
                                                                                                                                                                                                                                                                                                      Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Two Embarcadero Center, 8th Floor
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Harley, Calvin
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Nakamura, Toru
Chapman, Karen B.
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  Compounds Processes And Intermediates For Synthesis Of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          576-0200
                                                                                                                                                                                                                                                                                                    1.0%; Score 13.8; DB 1;
88.2%; Pred. No. 2.4e+02;
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                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                         DB 1;
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                                                                                                                                                                                                                                                                                                                       Length 17;
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US-08-854-050-132/c
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LENGTH: 17
TYPE: DNA
    ETILING CLASSIFICATION: 536
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/844,419
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APPL-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/724,643
                                                                                                                                                                       COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PACEDOS/MS-DOS
SOFTMARE: PACEDOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
EILING DATE: 09-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
CLASSIFICATION DATA:
APPLICATION DATA:
CLASSIFICATION DATA:
APPLICATION S36
PRIOR APPLICATION DATA:
APPLICATION DATA:
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CURRENT APPLICATION NUMBER: US/09/250,075
CURRENT FILING DATE: 199-02-12
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver: 2.1
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NAME/KEY: misc_feature
LOCATION: (1).-(17)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); modified linkage
OTHER INFORMATION: Description of Artificial Sequence: No.
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
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CITY: San Francisco
STATE: California
"""ted Stat
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Andrews, William H.
TITLE OF INVENTION: NO. 6261836el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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al Similarity 88.2%;
15; Conservation
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6261836
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Two Embarcadero Center, 8th Floor
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Chapman, Karen B.
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01-OCT-1996
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Pred. No. 2.4e+02;
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RESULT 331
US-09-430-323-132/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 132, Application US/09430323
Patent No. 6309867
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 1.0%;
Best Local Similarity 88.2%;
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Apple, Recommendation NUMBER: 36,429
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 0153
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
(415) 576-0200
TELEFAX: (415) 5
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
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             APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY,AGENT INFORMATION:
NAME: APPLE, REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELESPHONE: (415) 576-0300
TELESPAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/430,323
FILING DATE: 29-Oct-199
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Andrews, William H.
TITLE OF INVENTION: No. 6309867el Telomerase
NUMBER OF SEQUENCES: 225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: San Francisco
STATE: California
COUNTRY: United States of America
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Nakamura, Toru
Chapman, Karen B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Morin, Gregg B.
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Pred. No. 2.4e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        015389-002930US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 17;
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; SEQUENCE DESCRIPTION: SEQ ID NO: 132: US-09-430-323-132
                                                                         US-08-584-040-2189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2189, Application US/08584040 Patent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 15; Conserv
Query Match 1.0%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6346398 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTMARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: WESTING PERSON.
                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: NAPPLICANT: NAPPLICANT: N
                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: TREATMENT OF DISEASES OR TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                           NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                            TOPOLOGY:
                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                        TELEFAX:
                                                                                                                                                                                                                          TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1520 АААААААААААСТААА 1536
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Stinchcomb, Dan T.
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ilarity 88.2%;
Conservative
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                                                                                            linear
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Pred. No. 2.4e+02;
 Score 13.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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                                  Length 17;
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Query Match
Best Local Similarity
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RESULT 334
US-08-584-040-2191/c
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US-08-584-040-2190/c
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                              NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Becobedo, Jaine
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: CONDITIONS FELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/584,040 FILING DATE: January 11, 1996
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OPERATING SYSTEM: IBM P.O
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIP: 90071-2066
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                                                                                                             1513 СТТААТТАААААААА 1529
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                                                                                                                                                  1.0%; Score 13.8; ilarity 88.2%; Pred. No. 2. Conservative 0; Mismatche
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                                                                                                                                                      Mismatches
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                                                                                                                                                                                     Length 17;
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                                                                                                                                                      Gaps
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Sequence 2191, Application US/08584040
PAtent No. 6346398
GENERAL INFORMATION:
APPLICANT: PAVCO, Pamela
APPLICANT: McSwiggen, James

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US-08-584-040-2191
                                                                                                         GENERAL INFORMATION:

APPLICANT: PAVCO, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Scinchcomb, Dan T.

APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
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FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
MEDIUM TYPE: Accessed to the state of the
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OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
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STRANDEDNESS: single
TOPOLOGY: linear
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TELEFAX: (213) 955-0440
TELEX: 67-3510
TELEX: 67-3510
TELEX: 67-000 ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
nes 15; Conserv
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
ADDRESSEE:
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                                                                                                                                                  TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL
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Pred. No. 2.4e+02;
0; Mismatches 2;
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US-08-584-040-7824
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Sequence 7824, Application US/08584040 Patent No. 6346398
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION: APPLICANT: Pavco,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US
FILING DATE: January 1
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/005,97
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: 3.5" Di
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
COMPUTER: IBM COMPĀTIBLE OPERATING SYSTEM: IBM P.C. SOFTWARE: WORD PERFECT 5.1 JRRENT APPLICATION DATA: APPLICATION NUMBER: US/08/9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: 815
                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
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TYPE: nucleic acid
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                                                                                                                                                                                   CITY: Los Angeles
STATE: California
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OPERATING SYSTEM:
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                                                                                                                                                                   COUNTRY: U.S.A.
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                                                                                                                                                   90071-2066
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Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                  T: ESCODEDO, Jaime INVENTION: METHOD AND REAGENT FOR THE INVENTION: TREATMENT OF DISEASES OR
                                                                                                                                                                                                                                                                                                                                                     INVENTION:
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Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Word Perfect 5.1
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                                                                                                                                                                                                                                                                                                           TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR
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     US/08/584,040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.8; DB 1;
Pred. No. 2.4e+02;
                                                          DOS 5.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
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COUNTRY: U.S.A.
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION UMBER: 60/001,135
ADDITION LUMBER: 60/001,135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-584-040-7824
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Matches 2; Conserv
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SEQUENCE CHARACTERISTICS
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       tent No. 635093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/005,97,
FILING DATE: OCTOBER 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                 APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Merio, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (213) 955-0440
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Warburg, Richard J.
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Merlo, Donald J.
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Merlo, Patricia Ann Owens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Edington, Brent E.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Lyon & Lyon
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
APPLICANT: Wagner, Richard
APPLICANT: Wagner, Richard
APPLICANT: Wagner, Richard
FILE REFERENCE: 50036/031002
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
CURRENT FILING DATE: 2000-07-19
APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin A.
APPLICANT: Maier, Martin A.
TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Backl
TITLE OF INVENTION: Oligomeric Compounds
FILE REFERENCE: ISIS4528
CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT FILING DATE: 2000-11-29
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.0
SEQ ID NO 5
LENGTH: 17
                                                                                                                                                                                                            Sequence 5, Application US/09726096A Patent No. 6462184 GENERAL INFORMATION:
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Matches
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LENGTH: 17
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Best Local
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PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
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TYPE: nucleic acid
STRANDEDNESS: single
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88.2%; Pred. No. 2
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APPLICANT: Nibozyme Pharmaceuticals, Inc.
APPLICANT: NcSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
ITILE OF INVENTION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 734
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US-09-371-772B-735/c
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-734
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, Sequence 734, Application US/09371772B
, Patent No. 6566127
, GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Watches 15; Conserv
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions I
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH800,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
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LOCATION: (1)..(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
OTHER INFORMATION: internucleoside linkage
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OTHER INFORMATION: Oligonucleotide
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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US-09-371-772B-1074/c
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; ORGANISM: Homo sapiens
US-09-371-772B-736
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; ORGANISM: Homo sapiens
US-09-371-772B-735
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Matches
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Matches
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SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 736
LENGTH: 17
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 735
LENGTH: 17
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TILE REFERENCE: MBHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1995-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-01-08
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TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
PRIOR FILING DATE: 1996-01-08
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McSwiggen, Jim
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Pred. No. 2
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Sequence 4366, Application US/09371772B

| Sequence 4366, Application US/09371772B
| Fatent No. 6566127
| GENERAL INFORMATION:
| APPLICANT: Ribozyme Pharmaceuticals, Inc.
| APPLICANT: Ribozyme Pharmaceuticals, Inc.
| APPLICANT: Stinchcomb, Dan
| APPLICANT: Stinchcomb, Dan
| APPLICANT: Stinchcomb, Dan
| APPLICANT: Escobedo, Jaime
| TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
| TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
| FILE REFERENCE: M9H800,876-J (2377/198)
| CURRENT APPLICATION NUMBER: US/09/371,772B
| CURRENT FILING DATE: 1999-08-10
| PRIOR APPLICATION NUMBER: US 60/005,974
| PRIOR APPLICATION NUMBER: US 08/584,040
| PRIOR APPLICATION NUMBER: US 08/584,040
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; ORGANISM: Mus sp.
US-09-371-772B-3608
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TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1074
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US-09-371-772B-3608
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 3608
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 1074
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Best Local
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHHB00, 976-U (237/198)
CURRENT APPLICATION NUMBER: US/09/371, 772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/584,040
PRIOR FILING DATE: 1996-01-08
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Local Similarity 11.8%; Pred. No. 2.4e+02:
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ID NOS:
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Pred. No. 2.4e+02;
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5599
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; Sequence 5599, Application US/09371772B
; Patent No. 6566127
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SEQ ID NO 4306
LENGTH: 17
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Best Local Similarity 58.8%; Pred. No. 2
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Best Local Similarity 88.2%;
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 68/584,040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
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APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David
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; ORGANISM: Homo sapiens
US-09-866-108A-2272
                                                           PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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Best Local Similarity
Matches 15; Conserv
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Sequence 9997, Application US/09866108A
Patent No. 6686188
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SEQ ID NO 2272
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APPLICANT: SHANNON, MARK
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US01/00665
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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                                         Prior Application data removed -
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Listing Engine
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Pred. No. 2.4e+02;
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                                           See File Wrapper or PALM
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9997
RESULT 350
                                                                                                                                               PCT-US95-06379-33
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SEQ ID NO 9997
                                                                                         Matches
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Best Local Similarity
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TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                          TOPOLOGY: 1i
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                  STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/U FILING DATE: May 13, 1994 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER:
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                                                               1523 AAAAAAAAAGTAAAAGG 1539
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Y: U.S.A.
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Ren, Wu-Yun
Weil, Roger
                                                                                           Conservative
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                                                                                                                                                                          linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                            3.5 inch 1.44Mb
                                                                                                                                                          DNA (genomic)
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Pred. No. 2
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Pred. No. 2
                                                                                           Mismatches
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                                                                                                                      DB 1;
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                                                                                           Indels
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US-09-197-378-13/c ; Sequence 13, Application US/09197378 ; Patent No. 5959097

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert

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                                                                                                                                             US-08-857-946-14
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Best Local Similarity 88.2
Matches 15; Conservative
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CURRENT APPLICATION NUMBER: US/09/197,378
CURRENT FILING DATE: 1998-11-20
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 13
SEQ ID NO 13
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                       Matches
                                                                                                         Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WOZGPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,946
FILING DATE: 16-MAY-1997
CLASSIFICATION: 435
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APPLICANT: Goodfe
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                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/60/C
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 162
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: 75 State Street
                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
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                                                                      Local Similarity 88.2
                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/05573
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GCGGCGGCGGCGGC 17
                                  GCGGCTGCGGCGCCGGC 443
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Pred. No. 2.5e+02;
0; Mismatches 2
                                                                      <u>,</u>
                                                                                       Score 13.8; DB 1;
Pred. No. 2.5e+02;
                                                                       Mismatches
                                                                                                         DB 1;
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RESULT 353
US-09-143-212-45
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                                                                      CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 45
                                                                                                                                                                                                                         Sequence 45, Ap
Patent No. 6077
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GENERAL INFORMATION:
APPLICANT: Goodfe
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Best Local Similarity
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                                                                                                                                                 APPLICANT: Brett P. Monia and Lex M. Cowsert TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION FILE REFERENCE: RTS-0005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 617-227-4399
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/
FILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/857
FILING DATE: 16-MAX-1997
PRIOR APPLICATION DATA:
APPLICATION UMBER: 60/017
FILING DATE: 17-MAY-1996
           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 355
TELECOMMUNICATION INFORMATION:
                                                     ENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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28 State Street, 28th Floor
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617-227-4399
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                    1.0%; Score 13.8;
88.2%; Pred. No. 2
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; TOPOLOGY: linear; MOLECULE TYPE: DNA US-08-559-397A-24
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Best Local Similarity
Marches 15; Conserve
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                                                                                                                       RESULT 355
                                                  Sequence 105, Application US/09280409 Patent No. 6107092 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                        TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
COMPUTER: DOS
OPERATING SYSTEM: DOS
SOFTWARE: FASISEQ Version 2.0
SOFTWARE: FASISEQ VERSION 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/559,397A
FILING DATE: 15-NOV-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, LAUTA A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6013-135
REFERENCE/DOCKET NUMBER: 6013-135
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APPLICANT: Lex M. Cowsert
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
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ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: CLONING AND EXPRESSION OF TITLE OF INVENTION: BETA APP-C100 RECEPTOR (C100-R)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
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APPLICANT: Kozlowski, Michael R.
APPLICANT: Neve, Rachael L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1155 AV
CITY: New York
STATE: NY
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\text{Local Similarity 88.2%;}
\text{les 15; Conservative}
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Pred. No. 2.5e
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Pred. No. 2
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2.5e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-637-751A-7
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SEQ ID NO 7
LENGTH: 18
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Best Local S
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APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary E
Patent No. 6383754
FILE REFERENCE: AGL 100
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CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 105
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APPLICANT:
APPLICANT:
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APPLICANT:
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CURRENT FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
APPLICANT: Coull, James M.
APPLICANT: Neilsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Buchardt, Ole
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILS REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
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ORGANISM: Artificial Sequence
FEATURE:
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cal Similarity 88.2%;
15; Conservation
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l Similarity 88.2%;
15; Conservative
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Roth, Matthew E.
Lizardi, Paul M.
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                                                                                                                                                                        Kiely, John
                                                                                                                                                        Griffin, Michael
                                                                                                                                                                                      Egholm, Michael
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Pred. No. 2.5e+02
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Pred. No. 2.5e+02
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FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER:

1993-11-1993-07-02

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LENGTH: 18
                                                                                                                          STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
COURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/566,421
FILING DATE:
CLASSIFICATION: 514
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APPLICANT: Meruel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence NAME/KEY: misc feature LOCATION: (9)...(10) OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino OTHER INFORMATION: Lysine, Acid, Lysine Linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                  ATTORNEY/AGENT INFORMATION:
NAME: POISBBART, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 811
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: High Efficiency Tissue Specific Compound TITLE OF INVENTION: Delivery System Using Streptavidin-Protein A Fusion TITLE OF INVENTION: Protein NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ohno, Kouichi
APPLICANT: Levin, Brandi
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  TELEFAX:
                ELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 510/
FILING DATE: 1991-04-15
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: (212) 790-9090
(212) 869-8864
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Pred. No. 2.5e+02;
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                                                                                                                                                                                                                                                                                                         RESULT 360
US-09-142-108C-28/c
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                                                GENERAL INFORMATION:
APPLICANT: Brugliara, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Michael, Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 11658
FULL REFERENCE: 11658
CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: PN8386
PRIOR APPLICATION NUMBER: PN8386
PRIOR FILING DATE: 1996-03-01
NUMBER: OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Feng, Li
APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tags
Patent No. 6773886
FILE REFERENCE: AGL 100
                                                                                                                                                                                                                                                                      Sequence 28, Application US/09142108C Patent No. 6774285
SEQ ID NO 28
LENGTH: 18
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                     SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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                                   PatentIn Ver.
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88.2%; Pred. No. 2.
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88.2%; Pred. No. 2.
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; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide US-09-142-108C-29
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US-08-755-587-106
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US-09-142-108C-29/c
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US-09-142-108C-28
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Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 29
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GENERAL INFORMATION:
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Best Local Similarity 88.2%;
Matches 15; Conservative
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CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: PN8386
PRIOR FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Brugliera, Filippa
APPLICANT: Holcon, Timothy A.
APPLICANT: Michael, Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                              tent No.
                                                                                                                                         NUMBER OF SEQUENCES: 222
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell Seltzer Park & Gibson
STREET: 310 UCB Plaza, 3605 Glenwood Avenue, PO Drawer 31107
                                                                                                                                                                                                                                 TITLE OF INVENTION: Materials and methods relating to the TITLE OF INVENTION: identification and sequencing of the BRCA2 cancer TITLE OF INVENTION: susceptibility gene and uses thereof.
                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Futreal, Phillip A APPLICANT: Wooster, Richard F
                                                                                                              STREET: 310 UCI
CITY: Raleigh
STATE: NC
                                                                                                  COUNTRY:
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Stratton, Michael R
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PatentIn Release #1.0,
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Pred. No. 2.5e+02
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Pred. No. 2.
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  Version #1.25 (EPO)
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RESULT 364
US-09-422-978-5713/c
Sequence 5713, Application US/09422978
; Patent No. 6537751
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; FEATURE:
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 5-129-144.mis1
US-09-345-882-105
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TITLE OF INVENTION: AN UNCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REFERENCE: GENSET.031A
CURRENT FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: US 60/91,315
PRIOR APPLICATION NUMBER: US 60/91,315
PRIOR FILING DATE: 1998-06-30
PRIOR FILING DATE: 1998-06-30
PRIOR FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patent.pm
SEQ ID NO 105
LENGTH: 19
TYPE: DNA
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Matches
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Matches
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GENERAL INFORMATION:
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REGISTRATION NUMBER: 31,
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 28-AUG-1996
ATTORNEY/AGENT INFORMATION:
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FILING DATE: 25-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9/
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                                                                                                                                                                     Local Similarity
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TYPE: nucleic acid
STRANDEDNESS: single
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mes 15; Conserv
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28-AUG-1996
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88.2%; Pred. No. 2.
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Pred. No. 2
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GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chumakov, Ilya

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER FILING DATE: 1999-11-23

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-04-21

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

INUMBER OF SEQ ID NOS: 11796

SEQ ID NO 5713
                                                                                                                                US-09-696-791-4048
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 643
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: ROBbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
GENERAL INFORMATION:
APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYM
                                                                                   Sequence 4048, Application US/09696791 Patent No. 6770633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 643, Application US/09696791 Patent No. 6770633
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local
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NAME/KEY: primer bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-6332 for SEQ 1779,
09-422-978-5713
                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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ORGANISM: Homo Sapiens
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  RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
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Pred. No. 2
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Pred. No. 2.7e+02
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?.7e+02;
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Best Local S
Matches 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Pat
SEQ ID NO 4048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                                                   Patent No. 6207417
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lin, Xiaohui
TITLE OF INVENTION: METHODS OF DIAGNOSING AND TREATING HEPATIC CELL PROLIFERATIVE DISC
FILE REFERENCE: JHU1660-1
CURRENT APPLICATION NUMBER: US/09/687,246B
CURRENT FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: 60/159,168
PRIOR APPLICATION NUMBER: 60/159,168
PRIOR FILING DATE: 1999-10-13
PRIOR FILING DATE: 1999-10-13
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: The Johns Hopkins School of Medicine APPLICANT: Nelson, William APPLICANT: Tchou, Julia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                      APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
                                                   NUMBER OF SEQUENCES: 1
                                                                                       TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
                   STREET:
                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                    1305 ATTTTTTTTTTTCAG 1321
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Chicago
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                                                                                                                                                                                                                       Application US/08482918
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                   6300 Sears Tower,
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                 Marshall, O'Toole, Gerstein, Murray & Borun
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88.2%; Pred. No. 2
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88.2%; Pred. No. 2.
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Illinois

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US-08-482-918-33
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
1 TONGTH: 20 base pairs
1 TONGTH: 20 base pairs
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APPLICANT: Zsebo, Krisztina M.
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                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,918
FILING DATE: 07-JUN-1995
CIASSIEITATION. A24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4-
PILING DATE: 24-MAY-1995
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REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/33005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
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                                                                                                               PRIOR APPLICATION DATA:
                                                      APPLICATION NUMBER: 09/0 FILING DATE: 12-JAN-1998 CLASSIFICATION:
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CITY: Chicago
STATE: Illino:
                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                    FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                            ZIP: 60606-6402
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RESULT 370
US-08-336-728A-33
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SOFTWARE: PatentIn Release #1.0, Ver CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A FILING DATE: 09-NOV-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UMBER: 07/982,255
FILING DATE: 25-NOV-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422
APPLICATION NUMBER: 07/422
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                 STEET: 65.
STEET: Chicago
CITY: Chicago
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MEDIUM TYPE: Floppy of COMPUTER: IBM PC com
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537,198
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FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 07/9
FILING DATE: 25-NOV-1992
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                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
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                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01
                                                                                                                                                                                                                  COUNTRY: United States of America ZIP: 60606-6402
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Pred. No. 3.1e+02;
0; Mismatches 4;
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                                                                                                                              Version
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Patent No. 6759215
GENERAL INFORMATION:
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 11-JUN-1990
FRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION UNBER: US/09/635,251
FILING DATE: 07-Aug-2000
CLASSIFICATION: JUNKnown>
PRIOR APPLICATION UNBER: U8/449,182
APPLICATION UNBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION UNBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
FILING DATE: 25-NOV-1992
FILING DATE: 25-NOV-1992
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32956
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537,198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 24-AU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/589,701 FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Zsebo, Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
                                                                                                                                                                                                                                                                                                                                                   CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TTTTTTTTTTTTTTTAG 20
                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
  APPLICATION NUMBER: 07,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/09635251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.6; DB 1; Length 20; Pred. No. 3.1e+02;
/684,535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-721-154-1
                                                                                   Query Match
Best Local S
                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 24
                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/09721154 Patent No. 6651008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Vaisberg, Eugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
TITLE OF INVENTION: Database system including computer code
TITLE OF INVENTION: for predictive cellular bioinformatics
                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: CytoP007C2
CURRENT APPLICATION NUMBER: US/09/721,154
CURRENT FILING DATE: 2002-06-14
                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 07/422,383

FILING DATE: 16-OCT-1989

ATTORNEY/AGENT INFORMATION:

NAME: Clough, David W.

REGISTRATION NUMBER: 36,107

REFERENCE/DOCKET NUMBER: 01017/32957A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/474-6300

TELEPAX: 312/474-0448
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                        1246 TCTTTGTTTTTTTTAAT 1265
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 4 TITTTTTTTTTTTTTTAT 23
                                                                                       Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 07/537,198 FILING DATE: 11-JUN-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.0%;
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Pred. No. 3.1e+02;
                                                                                       Score 13.6;
Pred. No. 3
                                                                      Mismatches
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                                                                                       ; DB 1;
3.7e+02;
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                                                                      Gaps
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RESULT 373 US-08-292-620A-364

; Sequence 364, Application US/08292620A

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RESULT 374
US-08-292-620A-365
US-08-292-620A-365, Application US/08292620A
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                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
                                                                                            GENERAL INFORMATION:
                                     APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described
PRIOR APPLICATION DATA: described
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: December 7, ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                             1.0%;
Local Similarity 13.3%;
hes 2; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90071-2066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                                                                                1306 TTTTTTTTATTTCA 1320
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (213) 955-0440
                                 James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dan T. Stinchcon
James McSwiggen
Sean Sullivan
Kenneth G. Dra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sean Sullivan
                                                     Susan Grimm
Dan T. Stinchcomb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sugan Grimm
                                                                                                                                                                                                                                                                                                                                                                                                    linear
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                                                                                                                                                                                                                                                                                                     12;
                                                                                                                                                                                                                                                                                                                       Score 13.4; DB 1;
Pred. No. 2.6e+02;
                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                       1; Indels
                                                                                                                                                                                                                                                                                                                                         Length 15;
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US-08-292-620A-366
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                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                       GENERAL INFORMATION:
                                             TITLE OF TITLE OF TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA: including PRIOR APPLICATION DATA: described PRIOR APPLICATION NUMBER: 08/008,895
FILLING DATE: January 19, 1993
APPLICATION NUMBER: 07/999,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
                                                                                                          APPLICANT:
                                                                                                                                        APPLICANT:
                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: August CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.
                                                                                                                                                                                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    COPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                   1307 TTTTTTTTTTCAG 1321
                                                                                                                                                                                                                                                                                                                                                               1.0%;
Similarity 20.0%;
3; Conservation
                                                        NT: Sean Sullivan
NT: Kenneth G. Drag
F INVENTION: RIBOZ
F INVENTION: DISBAF
F INVENTION: RELATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        90071-2066
                                              INVENTION:
                                                                                                                                                                                                                                                                                                     UUUUUUUUUUUUCAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                15 base pairs
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                                                                                                                                       Susan Grimm
Dan T. Stinchcor
James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                               SS: single
linear
ADDRESS:
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                                           A G. Draper
RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
                                                                                                                                                           Stinchcomb
             MOLECULE-1 (I-CAM-1)
2390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IBM P.C.
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                                                                                                                                                                                                                                                                                                                                                                   11;
                                                                                                                                                                                                                                                                                                                                                                                   Score 13.4; DB 1;
Pred. No. 2.6e+02;
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US-08-292-620A-366
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Best Local Similarity 26.,
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                Sequence 367, Application US/08292620A Patent No. 5837542
                                                                                                                                                                                                                                                                                                                                                                  ·08-292-620A-367
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                                                                                                                                                                                                                                                                                                                   SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07
PILING DATE: January 1
APPLICATION NUMBER: 07
                                                                                                                                             APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: December 7, ATTORNEY/AGENT INFORMATION:
                           STREET: 633 West Fit
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                  APPLICANT:
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TELEFAX: 67-3510
SEQ
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: August
                                                                                                ADDRESSEE:
                 COUNTRY:
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90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          California
                                                                               633 West Fifth Street
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                                                                                                                                                                                                                                                                Dan T. Stinchcomb
James McSwiggen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WTA: including application WTA: described below: 08/008,895 ary 19, 1993 ary 19, 1993;849
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Pred. No. 2.
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US-08-292-620A-368
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Patent No. 58
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Best Local
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: August 17, CLASSIFICATION: 435
PRIOR APPLICATION DATA: PRIOR APPLICATION DATA: PRIOR APPLICATION DATA:
                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                       APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
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MEDIUM TYPE: 3.5" Di
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                         STREET:
              COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: Januar APPLICATION NUMBER: FILING DATE: December 1
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                                                                                                                            COUNTRY:
                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1309 TTTTTATTTCAGAG 1323
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                                                                                                             90071-2066
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5837542
                                                                                                                                         Los Angeles
California
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                                                                                                                                                                         Suite 4700
                                                                                                                                                                                           633 West Fifth Street
                                                                                                                            U.S.A.
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                                                                                                                                                                                                                                          2390
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07/989,849
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Pred. No. 2.6e
9; Mismatches
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                               DOS 5.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             .6e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 15;
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RESULT 378
US-08-292-620A-369
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 40.0%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 369, Application US/08292620A Patent No. 5837542
                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:
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FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYMS TREATMENT OF
TITLE OF INVENTION: RIBASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0
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                                                                           APPLICATION NUMBER: FILING DATE: August CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                               ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
ZIP: 90071-2066
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                                                                                            August 17, 1994
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: including application 
: described below: 
08/008,895
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17, 1994
                                                                                                                US/08/292,620F
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Pred. No. 2.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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APPLICANT: Prouty, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVESTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOOTWARE: Patentin Ver. 2.0
SEQ ID NO 23
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
FEATURE:
FEATURE:
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US-08-832-021-23
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                                                                                                                                                                US-08-832-021-24/c
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                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                 Seguence 24,
                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                            Query Match
Best Local S
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                                                                                                                                 Patent No.
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APPLICANT: Combates, N.
APPLICANT: Paridnos, J.
APPLICANT: Paridnos, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Combates, N. APPLICANT: Pardinas, J. APPLICANT: Parimoo, S.
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
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Local Similarity 46.7%;
les 7; Conservative
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Pred. No. 2.6e+02;
0; Mismatches 1
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Pred. No. 2.
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardino, S.
APPLICANT: Parimoo, S.
APPLICANT: Parimoo, S.
APPLICANT: Stenn, K.
ITITE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEG ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEG ID NO 32
LENGTH: 15
                                                                                                                                                                                                                                                               US-08-832-021-32/c
; Sequence 32, Application US/08832021
; Patent No. 6045998
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Best Local Similarity
Matches 14; Conserv
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APPLICANT: Stean, K.
APPLICANT: Stean, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
RUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 28
LENGTH: 15
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
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CURRENT FILING DATE: 1997-04-02
NUMBER OF SEO ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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mes 14; Conserv
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93.3%;
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Pred. No. 2.
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Pred. No. 2
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APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
FILE REFERENCE: JBP-382
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 56
FENCTIN: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 44
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                 ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-56
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                Query Match
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 Best Local Similarity
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APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
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                                                                                                                                                                                                                                                                                                               APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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Pred. No. 2
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Pred. No. 2.
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13.4; DB 1;
No. 2.6e+02;
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.6e+02;
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Matches

14;

RESULT 385 US-09-071-845-364

Patent No. 6132967

INFORMATION:

ADDRESSEE: STREET: 6:

STREET:

ZIP: 90071-2066

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Query Match 1.0%; Score 13.4; Best Local Similarity 13.3%; Pred. No. 2. Matches 2; Conservative 12; Mismatche
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: James McSw
APPLICANT: Sean Sulli
APPLICANT: Kenneth G.
TITLE OF INVENTION: R
TITLE OF INVENTION: N
                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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OPERATING SYSTEM: IBM P.C.
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/292,620 FILING DATE: August 17, 1994 APPLICATION NUMBER: 08/008,895 FILING DATE: January 19, 1993 APPLICATION NUMBER: 07/989,849 FILING DATE: December 7, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/071,845 FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                        TELEPHONE: (213) 955-0440
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                                                                      1306 TTTTTTTTTTTCA 1320
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                                      1 UUUUUUUUUUUUCA 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WENTION: RIBOZYME TREATMENT OF VENTION: RIBOZYME TREATMENT OF VENTION: DISEASES OR CONDITIONS VENTION: RELATED TO LEVELS OF VENTION: INTRACELLULAR ADDRESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                 linear
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                                                                                                                                                                                                                                                                                        364:
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                                                                                                          Mismatches
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                                                                                                                           4; DB 1;
2.6e+02;
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                                                                                                                                            Length 15;
                                                                                                            Indels
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                                                                                          US-09-071-845-366
                                                                                                          RESULT 387
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                                                                                                                                                                                                                                                                                                        US-09-071-845-365
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INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-071-845-365
Sequence 366, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 365,
                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                 Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL
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APPLICANT: Kenneth G
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: IBM P.C. SOPTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
STREET: 6
                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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                                                                                                                                                                                               1307 TTTTTTTTTTCAG 1321
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                                                                                                                                                              1 UUUUUUUUUUUUCAG 15
                                                                                                                                                                                                                                 h 1.0%; Score 13.4; DB 1; Similarity 20.0%; Pred. No. 2.6e+02; 3; Conservative 11; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  90071-2066
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/09071845
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James McSwiggen
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                                                                                                                                                                                                                                                                                                                         linear
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DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE-1 (I-CAM-1)
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                                                                                                                                                                                                                                                                  Length 15;
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US-09-071-845-364

TOPOLOGY:

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US-09-071-845-367; Sequence 367, Application US/09071845; Patent No. 6132967
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                                                                                                                                                                                                                                 RESULT 388
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                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:

PRIOR APPLICATION UNMBER: US/08/292,620

APPLICATION NUMBER: 08/08,895

FILING DATE: August 17, 1994

APPLICATION UNMBER: 08/08,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELEPHONE: (213) 489-1600
                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
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                                                                   APPLICANT:
                                                                                                      APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinc
APPLICANT: James McSwig
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/0
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                    Local Similarity nes 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (213) 489-10
TELEFAX: (213) 955-0440
TELEX: 67-3510
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                15 base pairs
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633 West Fifth Street
            Sean Sullivan

Kenneth G. Draper

VENTION: RIBOZYME TREATMENT OF

VENTION: DISEASES OR CONDITIONS

VENTION: RELATED TO LEVELS OF
                                                                                                      Dan T. Stinchcomb
James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    U.S.A.
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Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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RIBOGRATHENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                         1.0%; Score 13.4; DB 1; 26.7%; Pred. No. 2.6e+02;
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 INTRACELLULAR ADHESION
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                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
                                                                                                                                                                                                                                                                                                                                                                                         Length 15;
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RESULT 389
US-09-071-845-368
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APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,36/149
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                      TITLE OF INVENTION: ITTLE 
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH:
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STREET: 633 West Fifth Street
STREET: Suite 4700
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STREET:
                            STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                        ADDRESSEE:
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Similarity 33.3%;
5; Conservation
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                                                                                                                                                                         WENTION: RIBOZYME TREATMENT OF NVENTION: RIBOZYME TREATMENT OF NVENTION: RELATED TO LEVELS OF NVENTION: INTRACELLULAR ADHESION NVENTION: MOLECULE-1 (I-CAM-1)
                                       633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/09071845
       Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                    Dan T. Stinchcomb
James McSwiggen
Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Susan Grimm
Dan T. Stind
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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2390
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Pred. No. 2.6e+02;
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California

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US-09-071-845-369
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matchee
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                                                                                                                        NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    equence 369, Application US/09071845 atent No. 6132967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
           COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                          APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                           Sean Sullivan
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IBM Compatible
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GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Ger
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 304
LENGTH: 15
TYPE: DNA
ORGANISM: human
RESULT 392
US-09-491-894A-2/c
US-09-491-894A-2/c
; Sequence 2, Application US/09491894A
; Patent No. 6541225
; GENERAL INFORMATION:
; APPLICANT: Li, Ronghao
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US-09-475-947A-304/c
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APPLICATION NUMBER: 08/008,895

FILING DATE: January 19,1993

APPLICATION NUMBER: 07/989,849

FILING DATE: Jenuary 19,1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7,1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/1/

TELECOMMUNICATION INFORMATION:

TELECOMOUNICATION 10FORMATION:

TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 304, Application US/09475947A Patent No. 6472154
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                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM:
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                                                                                                                                                                                                                             1.0%; Score 13.4; DB 1;
93.3%; Pred. No. 2.6e+02;
tive 0; Mismatches 1;
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; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR GENERATING
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES
; FILE REFERENCE: 415072000400
; CURRENT APPLICATION NUMBER: US/09/491,894A
; CURRENT FILING DATE: 2000-01-26
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-491-894A-2
                                                                                                                                                                                                                                                                              RESULT 394
US-08-390-850-452
                                                                                                                                                                                                                                                                                                                                                                                               S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: unknown ; PEATURE: , PEATURE; OTHER INFORMATION: unidentified soil organism US-09-829-855-92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-829-855-92/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/829,855
CURRENT FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: US 60/196063
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: US 60/196258
PRIOR FILING DATE: 2000-04-11
NUMBER OF SEQ ID NOS: 244
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 393
                                                                                                                                                                                                                                           Sequence 452, App
Patent No. 561221
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Matthew, Ashby N.
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 93.3
Matches 14; Conservative
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LENGTH: 16
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                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                      TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT TITLE OF INVENTION: OF ARTHRITIC CONDITIONS NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
                                                                                                                APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
                                                                                                                                                                                APPLICANT: Draper, Kennel
APPLICANT: Pavco, Pamela
                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1673
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3: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                            Application US/08390850
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Pred. No. 2.8e+02;
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Pred. No. 2.6e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Stinch
APPLICANT: Draper
                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: December 7, ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: Februar
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: December
                                                                                                                                                                                                                                                            APPLICANT: Jarvië, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/390,850
                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.0%;
Local Similarity 53.3%;
nes 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12,
APPLICATION NUMBER: 07/989,848
              COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.
                                                                                                                                      CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 211/084
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REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Con
OPERATING SYSTEM:
                                                                                                       ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            726 TGCTGTTGCTGCTGC 740
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California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                   Draper, Kenneth
                                                                                                                     U.S.A.
                                                                                                                                                                                                                                                                                                                                 McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                     Stinchcomb, Dan T.
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Word Perfect 5
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                IBM P.C.
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                                                                                                                                                                                                                                               2627
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Pred. No. 3
                  DOS 5.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 17;
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US-08-373-124A-1152
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APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/ACENT INFORMATION:
                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM PC. DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,6
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, Ja
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TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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TOPOLOGY: lir
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REFERENCE/DOCKET NUMBER: 209/035
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Warburg, Richard
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Gustofson, John
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                                                                                                                                                                                             IBM Compatible
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                                                                                                                               US/08/435,634
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TELEFAX: (211.
TELEFAX: 67-3510
TELEX: 67-3510 NO: 45
; INFORMATION FOR SEQ ID NO: 45
; SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
TYPE: nucleic single
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Datent No. 581779
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Best Local Similarity 53.3%;
Matches 8; Conservative
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/967,132
FILING DATE: August 26, 1992
APPLICATION NUMBER: 07/96,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 07/96,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 07/96,422
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FILING DATE: NO. 5731295;
APPLICATION NUMBER: 07/91
FILING DATE: December 7,
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                             SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
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STREET: 63
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OPERATING SYSTEM:
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California
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Jarvis, Thale
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                                                                                                                                                                                                                                                                                                                   Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                       IBM Compatible
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No. 5731295ember 12, 1993
TUMBER: 07/989,848
                                                                                                                                                                                                                                                           05-MAY-1995
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Pred. No. 3e+02;
                                                                                                                                                                                                                                                                                                                                       DOS 5.0
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US-08-985-162-821
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Matches 3; Conserv
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                                                                                                                                                                                                                                  OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FRATSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UMBER: 60/036,476
APPLICATION UMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/ACENT INFORMATION:
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: McSwiggen
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                              NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth &
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                                                                                     TELEFAX: 1211
TELEFAX: 67-3510
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                              TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                    TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
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                                                              LENGTH:
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                                                                17 base pairs
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MCSwiggen, James
VENTION: ENZYMATIC NUCLEIC ACID TREATMENT
VENTION: OF DISEASES OR CONDITIONS RELATED
VENTION: TO LEVELS OF EPIDERMAL GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   U.S.A.
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                                                                                                                                                     489-1600
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                                                                                                                  US-08-584-040-2544
                                                                    Query Match
Best Local S
                                                         Matches
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                                                                                                                                                                                                                                                                                                                   FILING DATE: January 11, 11
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,
FILING DATE: October 26, 11
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                               REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                              TYPE:
                                                                                                                                                                                                                                  TELEFAX:
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 West F.
STREET: Suite 4700
                                                                                                                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                1522 AAAAAAAAAAGTAAA 1536
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17 AAAAAAAAAAGTAGA
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                                                                      Similarity
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                                                                                                                                                        nucleic acid
                                                                                                                                                                                                                                                                                                          Warburg, Richard
                                                                                                                                                                                                                   67-3510
                                                        Conservative
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Stinchcomb, Dan T.
Escobedo, Jaime
                                                                                                                                                                                                                                    (213) 955-0440
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                                                                                                                              linear
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N: 514
                                                                      1.0%;
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8502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         METHOD AND REAGENT FOR THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                       IBM P.C.
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                                                                      Score 13.4; DB Pred. No. 3e+02;
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                                                         Mismatches
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                                                                                   DB 1;
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                                                                                   Length 17;
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RESULT 400 US-08-584-040-7825 ; Sequence 7825, Application US/08584040

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RESULT 401
US-09-115-475-10/c
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                                 Sequence 10, Application US/09115475

Patent No. 6372457

GENERAL INFORMATION:

APPLICANT: Burlingame, Richard P.

APPLICANT: Burlingame, Richard P.

APPLICANT: Millis, James R.

APPLICANT: INVENTION: PROCESS AND MATERIALS FOR PRODUCTION OF GLUCOSAMINE FILE REPERENCE: 3161-18-C1

CURRENT APPLICATION NUMBER: US/09/115,475

CURRENT FILING DATE: 1998-07-15

CURRENT FILING DATE: 1998-07-15

CURRENT FILING DATE: 1998-07-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/584,0
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
  ARLIER APPLICATION NUMBER: PCT/US98/00800 ARLIER FILING DATE: 1998-01-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Becobedo, Jaine
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 121.
TELEFAX: 67-3510
TOTAL SEQ
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Local Similarity 13.3%;
hes 2; Conservative 1
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TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (213) 955-0440
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1998-01-14
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Pred. No. 3e+0
12; Mismatches
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US-09-371-772B-1068/c
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TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-567
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-474-432B-567/c
                                                                                                                                                                                                     RESULT 403
                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                             Query Match
Tocal Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Pa
SEQ ID NO 567
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SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 10
LENGTH: 17
                                                                                                                                          Sequence 1068, Application US/09371772B Patent No. 6566127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleoti
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR APPLICATION NUMBER: US 60/064,727
PRIOR PILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 60/084,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR APPLICATION NUMBER: US 09/301,511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No.
                        APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EARLIER FILING DATE: 1997-01-14
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Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                   593 TGGGGGGGGGGGGG 607
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T: Stinchcomb, Dan
T: Escobedo, Jaime
INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
                                                                                                                                                                                                                                                                                                                                           14;
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6528640
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                                                                                                                                                                                                                                                                TGGGGGCCGGGCGCG 1
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Adamic, Jasenka
Sweedler, David
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Beaudry, Amber
                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1999-04-28
                                                                                                                                                                                                                                                                                                                                                            1.0%; Score 13.4;
93.3%; Pred. No. 36
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Pred. No. 3e+02;
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; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-7728-3609
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US-09-371-772B-3609
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                                                                                                                                                 Sequence 566, Application US/09476387 Patent No. 6617438 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       Query Match 1.0%;
Best Local Similarity 13.3%;
Matches 2; Conservative 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 14225
SOPTWARE: PATENTIN VERSION 3.0
SEQ ID NO 3609
LENGTH: 17
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PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1668
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Best Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,976-U (237/198)
CURRENT FILING DATE: 1999-08-10
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/584,040
PRIOR FILING DATE: 1996-01-08
PRIOR FILING DATE: 1996-01-08
                    APPLICANT:
                                                              APPLICANT:
                                                                                                      APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Beigelman, Leo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/371,772B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
ORGANISM: Homo sapiens
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                      Karpeisky, Alex
Adamic, Jasenka Matulic
Sweedler, Dave
                                                                                  Beigelman, Leo
Beaudry, Amber
Zinnen, Shawn
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Pred. No. 3
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RESULT 406
US-09-401-063-821/c
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PRIOR FILLING DATE: 1999-12-29
PRIOR FILLING DATE: 1999-12-29
PRIOR FILLING DATE: 1999-04-28
PRIOR FILLING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILLING DATE: 1998-11-04
PRIOR FILLING DATE: 1998-11-04
PRIOR FILLING DATE: 1998-04-29
PRIOR PRIOR PRIOR DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILLING DATE: 1997-11-05
PRIOR FILLING DATE: 1997-11-05
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Best Local Similarity
Matches 14; Conserv
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Patent No. 66
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FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
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                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
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ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
                                                                                                                                                                                                             CLASSIFICATION: PRIOR APPLICATION DATA:
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                                                                                                                APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A. ZIP: 90071-2066
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633 West Fifth Street
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SEQ ID NO 1458
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Best Local Similarity 93.3
Matches 14; Conservative
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                                                                   Matches
                                                                                                    Query Match
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                                                                                                                                      ·09-866-108A-1458
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: B 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                       SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                       Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PPLICANT: GU, Yizhong
PPLICANT: JI, Yonggang
PPLICANT: PENN, Sharron G.
PPLICANT: HANZEL, David K.
                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
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LENGTH: 17 base pairs
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00663 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                          FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                            FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00664
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                                                                                    Similarity
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                     TCCCAGGAGCTCCTG 347
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                                                                 Conservative
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                                                                 Score 13.4; D
Pred. No. 3e+0
0; Mismatches
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Pred. No. 36
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                                                                                   4; DB 1;
3e+02;
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3e+02;
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US-09-866-108A-1461/c
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                                                                                                                             APPLICANT:
                                                                                                                                                            APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
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PRIOR FILING DATE: 2001-01-30
Remaining DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25 PRIOR APPLICATION NUMBER: US 60/207,456
                                                                        APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Remaining Prior Application data removed -
                                                         FILE REFERENCE: AEOMICA-7
                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 17
TYPE: DNA
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILLING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILLING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILLING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00669
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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o. 6686188
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Similarity 93.3%;
                                                                                                        HANZEL, David K
RANK, David R.
CHEN, Wensheng
                                                                                                                                                              PENN, Sharron
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RESULT 410
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PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: 05-0-01-30

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Best Local S
Matches 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: PANK, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David n
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Aeomica
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TYPE: DNA
ORGANISM: Homo sapiens
                                                                                             APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                                     FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
                                                      APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
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APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
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APPLICATION NUMBER: GB 24263.6
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PCT/US01/00663
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Pred. No. 3
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; SEQ ID NO 6518
; LENGTH: 17
                                                                                                                                      ; SOFTWARE: Acomica (); Patent No. 6686188 ; SEQ ID NO 6519 ; LENGTH: 17
                                                              Best
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APPLICANT: GU, Yizh
                                                  Matches
                                                                          Query Match
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APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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Remaining Prior Application data removed -
NUMBER OF SEO ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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PRIOR APPLICATION NUMBER: PCT/US01/00669
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                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
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PENN, Sharron
HANZEL, David
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APPLICATION NUMBER: US 60/207,456

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GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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US-09-866-108A-9998/c
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SEQ ID NO 6520
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Best Local Similarity 93.3%;
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APPLICATE: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PRIOR DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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Patent No. 6686188
                                       APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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FILIAG DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
CATION NUMBER: US/09/866,108A
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Pred. No. 3e+02;
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Best Local S
Matches 14
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Patent No. 6686188
SEQ ID NO 9998
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                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
                 IOR APPLICATION NUMBER: GB 24263.6

(OR FILING DATE: 2000-10-04

FOR APPLICATION NUMBER: US 60/236,359

(OR APPLICATION NUMBER: US 60/236,359

(OR APPLICATION NUMBER: PCT/US01/00666

(OR APPLICATION NUMBER: PCT/US01/00667

(OR FILING DATE: 2001-01-30

(OR FILING DATE: 2001-01-30

(OR APPLICATION NUMBER: PCT/US01/00664

(OR FILING DATE: 2001-01-30

(OR APPLICATION NUMBER: PCT/US01/00669

(OR APPLICATION NUMBER: PCT/US01/00665

(OR APPLICATION NUMBER: PCT/US01/00665

(OR APPLICATION NUMBER: PCT/US01/00665

(OR APPLICATION NUMBER: PCT/US01/00665

(OR FILING DATE: 2001-01-30

(OR APPLICATION NUMBER: PCT/US01/00665

(OR APPLICATION NUMBER: PCT/US01/00665

(OR APPLICATION NUMBER: PCT/US01/00665
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PILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00666 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION:
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HANZEL, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RANK, David R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JI, Yonggang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/09866108A
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ION NUMBER: PCT/US01/00663
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9999
                               US-08-213-860A-3
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SEQ ID NO 9999
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Best Local Similarity
Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/213,860A
FILLING DATE: 03/21/94
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -08-213-860A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Brown, Dennis
TITLE OF INVENTION: NOVEL MUTATED VIRUSES, ANTIVIRAL COMPOUNDS AND NOVEL METHODS
NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                    TELEFAX: 713-777-6908
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                   DESCRIENT NO TOWER: NO
                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: D5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-777-2321
                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Adler, Dr. Benjam
REGISTRATION NUMBER: 35,
                                                                                                                                                                                                                     MOLECULE TYPE:
DESCRIPTION:
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STRANDEDNESS: acc
CTV: linear
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                                                                                   TISSUE TYPE:
                                                                                                                 INDIVIDUAL ISOLATE: DEVELOPMENTAL STAGE:
                                                                CELL LINE:
                                                                                                                                                      IGINAL SOURCE:
STRAIN:
                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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milarity 93.3%;
Conservative (
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8011 Candle Lane
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 1.0%;
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Pred. No. 36
 Score 13.4;
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3e+02;
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 Length 18;
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                                                                                                                         RESULT 417
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                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear; MOLECULE TYPE: genomic DNA US-08-050-073-241
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US-08-050-073-241/c
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Matches 14; Conserv
                                                                              Sequence 1116, Application US/08390850 Patent No. 5612215
                                                                                                                                                                                                                       Matches
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Best Local (
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                                                    GENERAL INFORMATION:
APPLICANT: Draper
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            APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 87.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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ADDRESSEE: Hoffmann-La Roche Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                   TYPE:
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                             LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
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                                                                                                                                                                                            571 GCAGGGGCGGGCGTAGG 587
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                                                                                                                                                                                                                                    Similarity
                                                                                                                                                                                                                                                                                                                                1: 18 base pairs
nucleic acid
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7: U.S.A.
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Bugawan, ic.
Pobert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                340 Kingsland Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .Griffith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/08050073
                                                                                                                                                                                                                       Conservative
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Begovich, Au. -
Teodorica L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                      (510) 814-2977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Scharf, Stephen J
           McSwiggen, James
Gustofson, John
                                        Pavco, Pamela
Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                      SS: single
linear
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                                                                                                                                                                                                                                                                                                                                                                                                   (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        435
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                                                    Kenneth G.
                                                                                                                                                                                                                                   1.0%;
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                                                                                                                                                                                                                                    Score 13.4;
Pred. No. 3
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3;
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                                                                                                                                                                                                                                                Length 18;
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US-08-317-431A-11/c
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                                                                                                                                                                                                                                                                                                                                                          Sequence 11, Application US/08317431A Patent No. 5650277 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/390,850

PILLING DATE: February 17, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/354,920

FILLING DATE: December 13, 1994

APPLICATION NUMBER: 05/152,487

PILLING DATE: No. 5612215ember 12, 19

APPLICATION NUMBER: 07/989,848

PILLING DATE: No. 5612215ember 12, 19

APPLICATION NUMBER: 07/989,848

PILLING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Marchiver Stabard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1116: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                         APPLICANT: Nir Navot and Nurit Eyai TITLE OF INVENTION: A method of determining the presence and TITLE OF INVENTION: quantifying the number of di- and TITLE OF INVENTION: trinucleotide repeats and instrument and TITLE OF INVENTION: kits therefore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Chicony NB5500/386SX
                                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM COMPACTIBLE
OPERATING SYSTEM: IBM P.C. DOS
SOPTWARE: FASCEQ Version 1.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Los Angeles
STATE: California
                                                                                                                               ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
STREET: 2940 Birchtree space lane
CITY: Silver Spring
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                            STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 90071
                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                U.S.A.
                                                                                         United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IBM P.C. DOS 5.0
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
             FILING DATE: 5-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 21-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Williams Jr., Joseph
                                                                                                                                                 APPLICATION NUMBER: US/08/485,618
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/173,497
FILING DATE: 23-DEC-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/08
FILING DATE: 1-Jul-93
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Gallatin, m. macural APPLICANT: Van der Vieren, Monica APPLICANT: Van der Vieren, Monica Integrin Alpha Subunit TITLE OF INVENTION: No. 5728533el Human 2 Integrin Alpha Subunit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 18
                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
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REFERENCE/DOCKET NUMBER: 128/8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/317,431A
FILING DATE: 4-Oct-94
                                                                                                                               APPLICATION NUMBER: US 08/286,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Friedmam, Mark M
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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Similarity 93.3%;
14; Conservative
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    Marshall, O'Toole, Gerstein, Murray & Borun
    South Wacker Drive, 6300 Sear Tower

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               single
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Windows version 3.1
                                                                         US 08/362,652
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Pred. No. 3.1e+02;
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                                                                                                                                                                                                                                                                                                           Version #1.25
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; MOLECULE TYPE: DNA US-08-485-618-91
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -08-435-634-1116
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Draper,
                    INFORMATION FOR SEQ ID NO: 1116:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 TOTAL STREET: Suite 4700 CITY: Los Angeles STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        tent No.
                                                                        NAME: Warburg, Richard
REGISTON NUMBER: 32,327
REFERENCEION NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,
FILING DATE: 05-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 312-474-6300
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                     TELEFAX: (213)
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        334 CCCAGGAGCTCCTGC 348
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3: Lyon & Lyon
633 West Fifth Street
                                                          (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         McSwiggen, James
Gustofson, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pavco, Pamela
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kenneth G
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US-08-362-652-91/c
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                                                                 Matches
                                                                                 Query Match
Best Local :
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Patent No. 5766850
                                                                                                                                                                                                                               TELEFAX: 312-474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                 STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
FILING DATE:
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/173,497
                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/362,652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Gallatin, W. Michael
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 5766850el Human 2 Integrin Alpha Subunit
NUMBER OF SEQUENCES: 93
                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: Chicago
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE:
                                                                                                                                                                                                      TYPE:
                                                                                                                                                                                                                                                                                                                                                        NAME: Williams Jr., Joseph A. REGISTRATION NUMBER: 38,659
                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 27866/32391
                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 5-AUG-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 0 FILING DATE: 23-DEC-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Illinois COUNTRY: United States
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                                                                                                                                                                                                                     LENGTH:
                               334 CCCAGGAGCTCCTGC 348
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 17 CACAGGAGCTCCTGC
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                                                                               Similarity
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                                                                                                                                                                                                                      18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3: Marshall, O'Toole, Gerstein, Murray & Borun
233 South Wacker Drive, 6300 Sear Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         18 base pairs
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                                                                                                                                                                        linear
                                                                                                                                                                                   single
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                                                                               1.0%; Score 13.4; DB 1; 93.3%; Pred. No. 3.1e+02;
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                                                                   Mismatches
                                                                                                   Length 18;
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                                                                                                                                                                    Sequence 91, Application US/08482293A Patent No. 5831029 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local Similarity
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                    NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Williams Jr., Joseph A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/32684
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEPAX: 312-474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/362,652 FILING DATE: 21-DEC-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06
FILING DATE: 23-DEC-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 5817515el Human
NUMBER OF SEQUENCES: 103
                                                                                                             APPLICANT: Gallatin, W. Michael
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 5831029el Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/286,889
FILING DATE: 5-AUG-1994
PRIOR APPLICATION DATA:
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STRANDEDNESS: SI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: United States ZIP: 60606-6402
                                    STREET:
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Chicago
Illinois
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                                    233 South Wacker Drive, 6300 Sear Tower

    Marshall, O'Toole, Gerstein, Murray & Borun
    South Wacker Drive, 6300 Sear Tower

                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                      Marshall, O'Toole, Gerstein, Murray & Borun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                                                                                                                                                                                           1.0%; Score 13.4;
93.3%; Pred. No. 3.
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1e+02;
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 91,
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                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 5837478el
NUMBER OF SEQUENCES: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 312-474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 0
FILING DATE: 5-AUG-1994
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 21-DEC-1994
                                                                                                                                                            MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 21-DEC-1994
ATTORNEY AGENT INFORMATION:
NAME: Williams Jr., Joseph A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 2786
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/173,497
FILING DATE: 23-DEC-1993
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
CLASSIFICATION: 530 PRIOR APPLICATION NUMBER: 1
                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                         CITY: Chicago
STATE: Ill:
                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                COUNTRY: United States
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.0%; Score 13.4; DB 1; Length 18; 93.3%; Pred. No. 3.1e+02; tive 0; Mismatches 1; Indels
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 US 08/173,497
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                                                                      US/08/943,363
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e, 6300 Sear Tower
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PRIOR APPLICATION DATA:

23-DEC-1993

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US-08-863-639A-17
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                                                                            TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 21-DEC-1994
ATTORY/AGENT INFORMATION:
NAME: Williams Jr., JOSEPH A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4.
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                           NAME: JOSEPH E. MUETH
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                             APPLICATION NUMBER: US/08
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Rampal, Jang B.

APPLICANT: Caskey, C. T.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
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                                                              SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Matson, Robert S. APPLICANT: Coassin, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                               STREET: 220
CTTY: Pasadena
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nes 14; Conserv
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ropology:
               STRANDEDNESS:
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                                             ENGTH:
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                             nucleic acid
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                                             18 base pairs
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linear
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                                                                               17:
                                                                                                                                                                                                                                                                                                                                 3.50 inch, 1.44 Mb storage
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Pred. No. 3.1e+02;
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RESULT 427
US-09-193-043-91/c
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                                                                                                                                                                                                                                                                                                                                           US-09-106-038A-83
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                                                                                                         GENERAL INFORMATION:
                                                                                                                         Sequence 91, Application US/09193043 Patent No. 6251395
                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 83, Application US/09106038A Patent No. 6007995
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                                                                                                                                                                                                                                                                                                               Query Match
APPLICANT: Gallatin, Michael M.
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 6251395el Human 2
FILE REFERENCE: 27866/35004
CURRENT APPLICATION NUMBER: US/09/193,043
CURRENT FILING DATE: 1998-11-16
EARLIER APPLICATION NUMBER: 08/173,497
                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (760) 603-3820 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION: APPLICANT: Brenda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: MICROSOFT WORD 9:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/9/
FILING DATE: June 26, 1998
CLASSIFICATION: 514
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: RT TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
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CITY: Carlsbad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                          TYPE:
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al Similarity 93.3%;
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Pred. No. 3.1e+02;
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Pred. No. 3.1e+02;
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; EARLIER FILING DATE: 1993-12-23
; EARLIER APPLICATION NUMBER: 08/286,809
; EARLIER FILING DATE: 1994-08-05
; EARLIER PILING DATE: 1994-08/362,652
; EARLIER APPLICATION NUMBER: 08/362,652
; EARLIER FILING DATE: 1994-12-21
; EARLIER APPLICATION NUMBER: 08/943,363
; EARLIER FILING DATE: 1997-10-03
; MUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 91
; LENGTH: 18
; ORGANISM: Mus musculus
US-09-193-043-91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-1 EXPRESSION
FILE REFERENCE: RTS-0225
CURRENT APPLICATION NUMBER: US/09/723,534
CURRENT FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 28
JENOTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
Sequence 91. Application US/09688307A

Patent No. 6432404

GENERAL INFORMATION:

APPLICANT: Gallatin, Michael W.

APPLICANT: Van der Vieren, Monica

TITLE OF INVENTION: No. 6432404el Human Beta-2

FILE REFERENCE: 27866/36646

CURRENT APPLICATION NUMBER: US/09/688,307A

CURRENT PILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: 09/193,043

PRIOR FILING DATE: 1998-11-16

PRIOR APPLICATION NUMBER: 08/65,672

PRIOR APPLICATION NUMBER: 08/65,672

PRIOR FILING DATE: 1996-02-22

PRIOR FILING DATE: 1996-12-23

PRIOR PILING DATE: 1993-12-23

PRIOR PILING DATE: 1994-08-05

PRIOR FILING DATE: 1994-08-05

PRIOR FILING DATE: 1994-08-05

PRIOR FILING DATE: 1994-08-05
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US-09-723-534-28/c
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93.3%;
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Pred. No. 3.1e+02;
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Pred. No. 3.1e+02;
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RESULT 431 US-09-350-259-91/c

GENERAL INFORMATION:

APPLICANT: Gallatin, Michael W.
APPLICANT: Van der Vieren, Monica
TITLE OF INVENTION: No. 6620915el Human 2
FILE REFERENCE: 27866/35004
CURRENT APPLICATION NUMBER: US/09/350,259
CURRENT FILING DATE: 1999-07-08

EARLIER APPLICATION NUMBER: 09/193,043

Sequence 91, Application US/09350259 Patent No. 6620915

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APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: MUTHED FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: MUTHED FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 1999-011601
PRIOR FILING DATE: 1999-0120
PRIOR FILING DATE: 1999-01301
                                                                                                                                                                    ; OTHER INFORMATION: SYNTHETIC DNA US-09-725-265-20
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                                                                                Matches
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Best Local
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APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
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PRIOR APPLICATION NUMBER: 08/943,363
PRIOR FILING DATE: 1997-10-03
NUMBER OF SEQ ID NOS: 114
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TYPE: DNA
ORGANISM: Mus musculus
                                                                                                                                                                                                                       TYPE: DNA ORGANISM: ARTIFICIAL SEQUENCE
                                                                                                                                                                                                            FEATURE:
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15 TATATTTTTTTTTC 1
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                                                                             Similarity 93.3
14; Conservative
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Similarity 93.3%;
                                                                                               1.0%; Score 13.4;
93.3%; Pred. No. 3
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Pred. No. 3.1e+02;
                                                                                  Mismatches
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3.1e+02;
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                                                                                                                                                                                             US-08-487-759-1/c
                                                                                                                                                                                                                       RESULT 433
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APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID |
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0.163-07-58-0X
CURRENT APPLICATION NUMBER: US/09/556,127
CURRENT APPLICATION NUMBER: US/09/556,127
CURRENT FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PATENTIAL FEOURAGE
TYPE: DNA
TYPE
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EARLIER FILING DATE: 1997-10-03
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 91
                                                                                           Sequence 1, Application US/08487759 Patent No. 5660989 GENERAL INFORMATION:
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APPLICANT: KANAGAW
APPLICANT: KANAGAT
APPLICANT: YAMADA,
APPLICANT: YOKOMAK
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EARLIER APPLICATION NUMBER: 08/173,497
EARLIER FILING DATE: 1993-12-23
EARLIER APPLICATION UNMBER: 08/286,889
EARLIER FILING DATE: 1994-08-05
EARLIER PPLICATION NUMBER: 08/362,652
EARLIER FILING DATE: 1994-12-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: ARTIFICIAL SEQUENCE FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: SYNTHETIC DNA
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                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                     TATATTTTTTTTTC
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KAMAGATA, YOICHI
Cole, James L.
Olsen, David B.
Kuo, Lawrence C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RYUICHIRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KAZUTAKA
U, TOYOKAZU
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Pred. No. 3.1e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 13.4; DB 1; Length 18; Pred. No. 3.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
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US-08-807-104-1/c
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Matches
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,759
FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Giesser, Joanne M.
REGISTRATION NUMBER: 32,838
                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (908)-594-472
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
APPLICANT:
                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASKSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ANTI-SENSE: NO
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                         APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 19 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
CLASSIFICATION:
                                                                                                                                                       COUNTRY: US
ZIP: 07065
                                                                                                                                                                                                         CITY: RAHWAY
                                                                                                                                                                                                                      ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Ms. Joanne J. Giesser
126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                       USA
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                                                                                                                                                                                                                                                                                                                                           COLE, JAMES L.
OLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                             BENSELER,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                              g: Diskette
IBM Compatible
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93.3%; Pred. No. 3.3e+02;
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PRIOR APPLICATION DATA:

APPLICATION NUMBER:

08/480,068

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LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1..1

OTHER INFORMATION:

US-08-807-104-1
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PASTSEQ for Windows Version 2.0
SOFTWARE: PASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FBB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/08807104 Patent No. 5861501
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APPLICANT: BENSELI
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                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KIO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SY
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: Genomic RNA
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        y Match 1.0%;
Local Similarity 93.3%;
hes 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 126 |
CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CAPPED SYNTHETIC RNA, ANALOGS, AND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 13.4; DB 1; Length 19; Pred. No. 3.3e+02;
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RESULT 436
US-08-807-104-6/c
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                                                                                                                                                                                                                           SOFTWARE: FASTSEQ for Windows Version 2.
CURRENT APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: BENSELI
                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                            SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Disketto
COMPUTER: IBM Compat:
COPERATING SYSTEM: DO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                             REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                        TELEFAX:
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 732-594-4720
                            STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Match 1.0%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY:
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16 AATTAAAAATAAAAA 2
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                                                                                                                                            732-594-4720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BENSELER, FRITZ
                                                                                                                                                                                                                                                                                                                                                                                                                IBM Compatible
SYSTEM: DOS
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                linear
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Genomic RNA
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LOCATION: 13...13;
OTHER INFORMATION:
US-08-807-104-6
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-UN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                                                                          TOPOLOGY: 11
                                                                      FEATURE:
   NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: COLE, JAMES L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 126 | CITY: RAHWAY
                 LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modifie
                                                                                                                                                                                                                                                       TELEFAX: 732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: UZIP: 07065
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OTHER INFORMATION:
                                                                                                                                              STRANDEDNESS:
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OCATION:
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                                                                                                                                                               nucleic acid
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               Modified Base
                                                                                                                             linear
                                                                                                                                                                                                                                                                            732-594-4678
                                                                                                            Genomic RNA
                                                                                                                                          single
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Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
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US-08-807-104-8/c
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Patent No. 5861501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 14;
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                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: BENSEL
APPLICANT: COLE,
                                                                                                                                                                                                                                                                                                                    NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: TAHWAY
                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM CON OPERATING SYSTEM: SOFTWARE: FastSE
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NAME/KEY: Modified Base
LOCATION: 13...13
OTHER INFORMATION:
                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear
                                               OTHER INFORMATION:
                                                                                            OTHER INFORMATION:
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                            NAME/KEY: Modified Base
                                                                                NAME/KEY:
                                                                                                                                   NAME/KEY:
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INFORMATION:
                                                                                                                                                                                                                nucleic acid
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                                                                                                                                                                                                                                   19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                         732-594-4720
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OLSEN, DAVID B.
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                                                                                                                                 Modified Base
                                                                                Modified Base
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                                                                                                                                                                    Genomic RNA
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                                                  Matches
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Patent No. 586150
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                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPEED S'
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
                                                                                                                                               NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                      STRANDEDNESS: 814
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STATE: NJ
                                                               Local
                                                                                                                                                                             LOCATION: 1...1
OTHER INFORMATION:
                                                                                                                                                                                                                         OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                             NAME/KEY: Modified Base
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1516 AATTAAAAAAAAAA 1530
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                                                  l Similarity
14; Conserv
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nucleic acid
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llarity 93.3%;
Conservative (
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                                                                                                                                                             Modified Base
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N: CAPPED SYNTHETIC RNA, ANALOGS, AND
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                                              Score 13.4; DB 1; Length 19; Pred. No. 3.3e+02; O; Mismatches 1; Indels
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RESULT 440
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                                                Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 10,
                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/80
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,0
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 19406DA TELECOMMUNICATION INFORMATION: TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM CONTROL OPERATING SYSTEM:
SOFTWARE: FastSE
                                                                                                                                                                           OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                                                                                           NAME/KEY: Modified Base LOCATION: 1...1
                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX:
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                                                                                                                                                                                                                                         OTHER INFORMATION:
                                                                                                                                              LOCATION: 19...19
OTHER INFORMATION:
                                                                                                                                                                                                                                                                            NAME/KEY:
                                                                                                                                                                                                                                                           OCATION:
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                     1516 AATTAAAAAAAAAA 1530
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 AATTAAAAATAAAA 2
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                                                                                                                                                                                                                                                                                                                                                                          19 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FastSEQ for Windows Version 2.0
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                                                                                                                                                                                                                                                                            Modified Base
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                                                                                                                                                                                                                                                                                                          Genomic RNA
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                                                               <u>.</u>
                                                                                Score 13.4;
Pred. No. 3
                                                               Mismatches
                                                                                3.3e+02;
                                                                                               DB 1;
                                                                                               Length 19;
                                                               Indels
                                                               0,
                                                               Gaps
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RESULT 441 US-08-807-104-13/c ; Sequence 13, Application US/08807104

Patent No. 5861501

GENERAL INFORMATION:

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; NAME/KEY: Modified Base; LOCATION: 1...1; OTHER INFORMATION: US-08-807-104-13
                                                                                                                                                                                          S-08-807-104-14/c
Sequence 14, Application US/08807104
Patent No. 5861501
                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY JAGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 10,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FASTEM: DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION: 514
                             NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED S'
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: 1:
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: UZIP: 07065
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
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                    DDRESSEE:
                                                                                                                                                                                                                                                                                                                           1516 AATTAAAAAAAAAA 1530
                                                                                                                                                                                                                                                                                                     16 AATTAAAAATAAAA 2
                                                                                                                                                                                                                                                                                                                                                                           14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nucleic acid
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126 EAST LINCOLN AVENUE - P.O. BOX 2000
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linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Diskette
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ON: CAPPED SYNTHETIC RNA, ANALOGS, AND
                                                                                                                                                                                                                                                                                                                                                                                         1.0%;
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RESULT 443
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                                                                                                                                                                                                                                                                    Sequence 15,
Patent No. 5
                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                     GENERAL INFORMATION: APPLICANT: BENSEL
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,0
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 194
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEPRX: 772
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
US.08/807,104
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                        TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                          APPLICANT:
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STATE: NJ
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NAME/KEY: Modifie
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                                                                                                                                                                                                                                    BENSELER,
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Pred. No. 3
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IBM Compatible

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US-08-807-104-16/c
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Patent No. 5861501
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                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                          COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                  APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: AFTAMERS
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: DOS
SOFTWARE: FABLSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: Genomic RNA
                                                                                                                                                                                            STREET: 126 E
CITY: RAHWAY
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 13...13
OTHER INFORMATION:
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NAME/KEY: Modified Base
LOCATION: 1...1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ss: single
linear
                                                                                                                    Diskette
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RESULT 445
US-08-973-139-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION UNMEER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732.594-6678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM CC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ms. Joanne J. Giesser
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cole, James L. APPLICANT: Olsen, David B. APPLICANT: Kuo, Lawrence C
                                              ATTORNEY/AGENT INFORMATION
                                                                                     FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                            CITY: Rahway
STATE: New Jersey
NAME: Giesser, Joanne M. REGISTRATION NUMBER: 32,838 REFERENCE/DOCKET NUMBER: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: modifie
                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modifie
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                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 19 base par
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION:
                                                                                                                                                                                                                                                                                      07065
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                                                                                                                                                                                                                                                                                                     USA
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12...12
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                                                                                       US/08/487,760
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Pred. No. 3.3e+02;
0; Mismatches 1.
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TOPOLOGY: linear; HYPOTHETICAL: NO; ANTI-SENSE: NO US-08-973-139-1
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Best Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                          FILING DATE:
ATTORNEY AGENT INFORMATION:
ATTORNEY AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (908)-594-47
INFORMATION FOR SEQ ID NO:
                                                               MOLECULE TYPE: Gel
HYPOTHETICAL: NO
ANTI-SENSE: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                              FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
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                                                                                                                                                             LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 126 F
                                                                                                                                        STRANDEDNESS:
NAME/KEY: Modified Base
                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                         TELEFAX: 908-594-4720
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                                                                                                           Genomic RNA
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                                                                                                                                             single
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ON: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
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Pred. No. 3.3e+02;
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RESULT 447
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US-08-480-068-4
                                                                                                                                                                                                                                    TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSEL
APPLICANT: COLE,
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                                                                                                                                          TOPOLOGY: lin
MOLECULE TYPE: (
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/01
FILING DATE: 07-UM-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
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                                                                                                                         ORIGINAL SOURCE:
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APPLICANT: KUO, LAWRENCE
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OTHER INFORMATION:
NAME/KEY: modifie
                                                            LOCATION: 1...1
OTHER INFORMATION:
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OTHER INFORMATION:
                OTHER INFORMATION:
                                            NAME/KEY: Modified Base
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                                                                                            NAME/KEY: Modified Base
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OLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                        linear
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                                                                                                                                                                           NO
                                                                                                                                                                                         Genomic RNA
                                                                                                                                                                                                                     single
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93.3%; Pred. No. 3
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3.3e+02;
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US-08-480-068-6
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Query Match
Best Local Similarity
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Best Local Similarity
Matches 14; Conserv
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Patent No. 6111095
                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
                                                                                                                                                                                                                                               FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS;
ADDRESSE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
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CITY: RAHWAY
STATE: NJ
                                                                                                  LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
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TILB OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
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OPERATING SYSTEM:
SOFTWARE: FastSE(
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ZIP: 07065-0907
                                                                      LOCATION: 13...13 OTHER INFORMATION:
                                                                                                                                                                          OTHER INFORMATION:
                                                                                                                                                           NAME/KEY: Modified Base
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1.0%;
93.3%;
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Score 13.4; DB 1;
Pred. No. 3.3e+02;
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                Length 19;
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patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSELER,
APPLICANT: COLE, JAM
APPLICANT: KUO, LAWR
APPLICAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               밁
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                                               Query Match 1.0%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/480
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY_AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
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ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
ADDRESSE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: NAME OF TARGET AND TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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NAME/KEY:
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                                                                                                                                                                                                                                                                        NAME/KEY:
                                                                                                                                                                                                                                                                                                           OTHER INFORMATION:
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OTHER INFORMATION:
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1516 AATTAAAAAAAAAAA 1530
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OLSEN, DAVID B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BENSELER,
                                                                                                                                                                                                                                                                        Modified
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                                                                                         Score 13.4; DB 1;
Pred. No. 3.3e+02;
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                                                            Mismatches
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                                                                                                                        DB 1;
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                                                                                                                  Length 19;
                                                            Indels
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OTHER INFORMATION:
US-08-480-068-8
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US-08-480-068-8/c
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                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
SCURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,01
FILING DATE: 07-UN-1995
CLASSIFICATION DATA:
APPLICATION UMBER:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                             FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           tent No.
                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: (
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: BENSELER, FRIT
                                                                              Local
                                                                                                                                                                              OTHER INFORMATION: NAME/KEY: Modifie
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CITY: RAHWAY
                                                                                                                                                                                                                            LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
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ZIP: 07065-0907
                                                                                                                                                                                                              OCATION:
                                                                                                                                                                                                                                                                               NAME/KEY: Modified Base
                              1516 AATTAAAAAAAAAA 1530
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                                                                              Similarity
 AATTAAAAATAAAA 2
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                                                               Conservative
                                                                                                                                                              Modified Base 6...6
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                                                               Score 13.4; D
Pred. No. 3.3e
0; Mismatches
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                                                                              3.3e+02;
                                                                                               DB 1;
                                                                                             Length 19;
                                                                Indels
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                                                                                                                       US-08-480-068-9
                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9, Application US/08480068 Patent No. 6111095
                                                                        Query Match
Best Local &
                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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APPLICANT: (
APPLICANT: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: GIESSER, JOANNE M
REGISTATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 194
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/0: FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FABTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MITTLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                    FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                  ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                           LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                    LOCATION: 6...6
OTHER INFORMATION:
                                                                                                                                                                                                                          OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                            NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                        NAME/KEY:
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                                                                                                                                                                                                                                           OCATION:
                            1516 AATTAAAAAAAAAA 1530
16 AATTAAAAATAAAAA
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                                                                         Similarity
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OLSEN, DAVID B.
                                                           Conservative
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                                                                                                                                                                                                                                                          Modified Base
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                                                                        Score 13.4; DB 1.
Pred. No. 3.3e+02
                                                           Mismatches
                                                                                         DB 1;
                                                                                    Length 19;
                                                           Indels
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                                                           Gaps
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RESULT 452 US-08-480-068-10/c

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RESULT 453
US-08-480-068-13/c
; Sequence 13, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                           ; LOCATION: 19...19; OTHER INFORMATION: US-08-480-068-10
                                                                                                                                                                                                       Best Local Similarity Matches 14; Conserv
                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10, Application US/08480068 Patent No. 6111095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASCSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: GO
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: OLSEN, DAVID B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: COLE, JAMES L.
                                                                                                                                                                                                                                                                                                        NAME/KEY: Modition 19...
                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Modifie LOCATION: 1...1 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: US
ZIP: 07065-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                                                                                  OCATION: 1...1
DTHER INFORMATION:
                                                                                                                                                                 1516 AATTAAAAAAAAA 1530
                                                                                                                                   16
                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                       Modified Base
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                                                                                                                                                                                                                    1.0%; Score 13.4; DB 1; 93.3%; Pred. No. 3.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10:
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                                                                                                                                                                                                       Mismatches
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RESULT 454
US-08-480-068-14/c
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                                                                                                                                                      Sequence 14, Application US/08480068 Patent No. 6111095
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.0%;
Best Local Similarity 93.3%;
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOPTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,0
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                     APPLICANT: KUO, LAWR
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                      APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: GONE HYPOTHETICAL: NO ANTI-SENSE: NO
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ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: 1...1
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 126 F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                    1516 AATTAAAAAAAAAA 1530
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nucleic acid
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126 EAST LINCOLN AVENUE - P.O. BOX 2000
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COLE, JAMES L.
COLSEN, DAVID B.
CLSEN, DAVID B.
KUO, LAWRENCE C.
VENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
EQUENCES: 21
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                                                                  LAWRENCE C.

ON: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
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Pred. No. 3.3e+02;
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; Sequence 15, Application US/08480068
; Patent No. 6111095
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                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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                                                                                                                                                                                       SENERAL INFORMATION:
                                         APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
ROPESCOUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 116 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/01
FILING DATE: 07-UW-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FRAGMENT TYPE:
ORIGINAL SOURCE:
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REFERENCE/DOCKET NUMBER: 19-
TELECOMMUNICATION INFORMATION:
TELLEPHONE: 908-594-3046
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ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/8/480,068
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
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                             STREET: 126
CITY: RAHWAY
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COUNTRY:
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3ER: 19406
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Pred. No. 3.3e+02;
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RESULT 456
US-08-480-068-16/c
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                                                                                                                                                                                                                                                                            Sequence 16, Application US/08480068
Patent No. 6111095
                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: BENSELE:
APPLICANT: COLE, J.
APPLICANT: OLSEN, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/0
FILING DATE: 07-UUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                    APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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NAME/KEY: Modifie
LOCATION: 1...1
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                                                                                      CITY: RAHWAY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        h 1.0%; Score 13.4; DB 1; Similarity 93.3%; Pred. No. 3.3e+02;
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OLSEN, DAVID B.
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OPERATING SYSTEM:

IBM Compatible

US/08/480,068

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Sequence 4, Application US/09302201A

Sequence 4, Application US/09302201A

Patent No. 6265166

GENERAL INFORMATION:

APPLICANT: Frank-Kamenetskii, Maxim D.

APPLICANT: Bukanov, Nikolay O.

APPLICANT: Bukanov, Vadim V.

APPLICANT: Loemidov, Vadim V.

APPLICANT: Loemidov, Vadim V.

APPLICANT: Kuhn, Helko

TITLE OF INVENTION: Methods and Compositions Pertaining To PD-Loops

FILE REFERENCE: BU9901-US

CURRENT APPLICATION NUMBER: US/09/302,201A

CURRENT APPLICATION NUMBER: US/09/302,201A

EARLIER APPLICATION NUMBER: 60/083684

EARLIER FILING DATE: 1999-04-29

EARLIER FILING DATE: 1998-04-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 457
US-09-302-201-4
                                                                                    SOPTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 19
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,01
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                   NUMBER OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
FEATURE: OTHER INFORMATION: Description of Artificial Sequence: One Strand
                                           ORGANISM: Artificial Sequence
                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: GONTHETICAL: NO ANTI-SENSE: NO
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Local Similarity 93.3%;
hes 14; Conservative
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OTHER INFORMATION:
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OTHER INFORMATION:
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RESULT 459
US-08-973-137-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Ver. 2.0 SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/09302201A Patent No. 6265166
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Frank-Kamenetskii, Maxim D.
APPLICANT: Bukanov, Nikolay O.
APPLICANT: Demidov, Vadim V.
APPLICANT: Kuhn, Heiko
TITLE OF INVENTION: Methods and Compositions Pertaining To PD-Loops
FILE REFERENCE: BU9901-US
CURRENT APPLICATION NUMBER: US/09/302,201A
CURRENT FILING DATE: 1999-04-29
EARLIER FILING DATE: 1998-04-29
                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973
FILING DATE:
                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - M.
STREET: 126 EAST LINCOLN AVENUE
                                                                                                                                                                                                                                                                                                            APPLICANT: KUO, LAW
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH: 19
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Local Similarity 93.3%;
                                                                      COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                              STREET: 126
CITY: RAHWAY
                                                                                                                                                        COUNTRY: US
ZIP: 07065-0907
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/08973137
                                                                                                                                                                                                                                                                                                                                                  COLE, JAMES L. OLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                         BENSELER,
                                                                           IBM Compatible
SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                LAWRENCE
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93.3%;
                                                                                                                                                                                                                                                                                                              CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                           FRITZ
                  US/08/973,137
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Pred. No. 3.3e+02;
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Pred. No. 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length
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CLASSIFICATION:

08/480,068

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LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
US-08-973-137-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 460
US-08-973-137-4/c
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/08973137 Patent No. 6369208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: BENSELI
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SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
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HYPOTHETICAL: NO
ANTI-SENSE: NO
                CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/41
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,
FILING DATE:
                                                                                                                                                                                                                 ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
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APPLICATION NUMBER: 08/4:
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                          STREET: LEC
STREET: RAHWAY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: GIESSER, JOANNE REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
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GIESSER, JOANNE M
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                                                      08/480,068
                                                                                                                             US/08/973,137
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Pred. No. 3.3e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1; Length 19;
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US-08-973-137-6/c
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Patent No.
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SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480
APPLICATION NUMBER: 08/480
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                            SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973.
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                         REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORIGINAL SOURCE:
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NAME/KEY: Modified Base
LOCATION:

OTHER INFORMATION:
                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                             COUNTRY: US
ZIP: 07065-0907
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               TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                             CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: Modified Base LOCATION: 1...1
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5. 6369208
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                                                                                                                                                                                                                                                                                                                                                             RAHWAY
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908-594-4720
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OLSEN, DAVID B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BENSELER,
                                                                                                                                                                                                                                                         IBM Compatible
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               908-594-3046
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                                                                                                                                                                                                                                                                             Diskette
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                                                                                                                               08/480,068
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Pred. No. 3.3e+02;
0; Mismatches 1
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RESULT 462
US-08-973-137-7/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                       COUNTRY: US
COUNTRY: US
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSCY VETSION 1.5
CURRENT APPLICATION NUMBER: US/08/973,137
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -08-973-137-6
                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REGERECES/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   quence 7, Application US/08973137
                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORIGINAL SOURCE: FEATURE:
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NAME/KEY: MODIFIED Base
LOCATION: 13...13
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                          STREET: 126 E
CITY: RAHWAY
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
                                                            TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: sing
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                                                            908-594-4720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.0%; Score 13.4; DB 1; Length 19; 93.3%; Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <u>..</u>
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US-08-973-137-8/c
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Patent No. 6369208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 1.0%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: BENSELI
                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: COLE, JAMES ...
APPLICANT: COLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: Ger HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION UNDER: 08/4
PILING DATE: 07-UN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                      NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FRAGMENT TYPE:
ORIGINAL SOURCE:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modifie
                                                                                                        TELEFAX:
                                                                                                                        TELEPHONE:
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                                                                                                        908-594-4720
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                                                                                                                            908-594-3046
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                                                                                                                                                                                                                                             08/480,068
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Pred. No. 3.3e+02;
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Genomic RNA

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RESULT 464
US-08-973-137-9/c
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Matches 14; Conservative
                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
FILING DATE: NORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: BENSEL
                                                                                                                                      INFORMATION FOR SEQ ID NO:
              TOPOLOGY: lin
MOLECULE TYPE:
HYPOTHETICAL: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               tent No.
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HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORIGINAL SOURCE:
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CITY: RAHWAY
STATE: NJ
                                                STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                        TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/973,137 FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: 1...1
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER:
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OTHER INFORMATION:
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                                                                                  nucleic acid
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                                Genomic RNA
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Pred. No. 3.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION: APPLICANT: BENSEL
                           MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973
                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                    REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 07065-0907
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: modified
DRIGINAL SOURCE:
                 FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Modified Base LOCATION: 6...6 OTHER INFORMATION:
                                                                                                       TYPE: nucleic acid
                                                                                                                                                                       TELEX:
                                                                                                                                                                                       TELEFAX:
                                                                                                                                                                                                                                                                   NAME:
                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 126
CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
                                                                             TOPOLOGY:
                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: Modified Base
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY:
                                                                                                                         LENGTH: 19 base pairs
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                                                                                                                                                                                                                                                                   GIESSER, JOANNE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/08973137
                                                                                                                                                                                        908-594-4720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COLE, JAMES L.
OLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                             linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         Diskette
                                                             Genomic RNA
                                                                                          single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LAWRENCE
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93.3%; Pred. No. 3
                                                                                                                                                                                                                                                                                                                08/480,068
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RESULT 466
US-08-973-137-13/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: 27065-0907
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/480,06
APPLICATION NUMBER: 08/480,06
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SENERAL INFORMATION:
                                                          MOLECULE TYPE: G
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ VERSION 1.5
CURRINT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: KUO, LAWI
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: ALWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            y Match 1.0%;
Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: Modified Base LOCATION: 19...19
OTHER INFORMATION:
NAME/KEY: Modified Base LOCATION: 1...1 OTHER INFORMATION:
                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY:
                                                                                                                                                 OPOLOGY:
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                                                                                                                                                 linear
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                                                                                                                                Genomic RNA
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Pred. No. 3.3e+02;
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US-08-973-137-14
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                           MOLECULE TYPE: N
HYPOTHETICAL: N
ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 07065-0907
COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4:
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                           ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: ALHWAY
                                                                                                                                                                                                                                                                                                                                                                                                 NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM CONPERATING SYSTEM:
                                                     OTHER INFORMATION:
                                                                                    LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modifie
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                                            NAME/KEY:
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               OTHER INFORMATION:
                                                                                                                              NAME/KEY: Modified Base
                                                                       OCATION:
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                                                                                                                                                                                                                                   linear
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                                         Modified Base
                                                                                    Modified
                                                                                                                                                                                                        No
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93.3%; Pred. No. 3.3e+02;
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                                                                                       Base
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Query Match

1.0%;

Score 13.4; DB 1;

Length 19;

93.3%;

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NAME/KEY: Modifie
LOCATION: 13...13
OTHER INFORMATION:
US-08-973-137-15
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US-08-973-137-15/c
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No. 636920
            Query Match
Best Local Similarity
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   Matches
                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: BENSEL
                                                                                                                                                                                                                                                        MOLECULE TYPE: N
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                          FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
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OPERATING SYSTEM:
                                                                                                                       COCATION: 1...1
OTHER INFORMATION:
                                                                                                                                                                OTHER INFORMATION:
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REFERENCE/DOCKET NUMBER: 19406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: US
ZIP: 07065-0907
                                                                                                                                                    NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LICANT: KUO, LAWRENCE C.

LE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
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OLSEN, DAVID B.
 Conservative
                                                                                                    Modified Base
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Score 13.4; DB 1;
Pred. No. 3.3e+02;
0; Mismatches 1;
                             Length 19;
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                                                           Matches 14;
                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,83
                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: Modified
                                                                                                                                                                                                                                                                                                                        HYPOTHETICAL: NAME: NO
                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                           RAGMENT TYPE:
                                                                                                                                                                                                                           OTHER INFORMATION:
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SOFTWARE: FastSE(
                                                                         Local
                                                                                                                                                    NAME/KEY: Modified Base LOCATION: 12...12
                                                                                                                                                                                   CTHER INFORMATION:
                                                                                                                                                                                                NAME/KEY: Modified Base LOCATION: 1...1
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TOPOLOGY: linear
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TELEFAX: 908-594-4720
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REFERENCE/DOCKET NUMBER: 19406
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/973,137
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                                                                                                                                        OTHER INFORMATION:
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                            1516 AATTAAAAAAAAAA 1530
16 AATTAAAAATAAAAA
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                                                                         Similarity
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126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                           Conservative
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                                                           <u>,</u>
                                                                        Score 13.4; DB 1;
Pred. No. 3.3e+02;
                                                            Mismatches
                                                                                           DB 1;
                                                                                        Length 19;
                                                            Indels
                                                            0
                                                            Gaps
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APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6969
LENGTH: 19
TYPE: NAM
RESULT 472
US-09-758-735-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-422-978-6969/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LENGTH: 19
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6969, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                      Query Match
Best Local :
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APPLICANT: Kurth, Janice
TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
TITLE OF INVENTION: (STP2)
TITLE OF INVENTION: (STP2)
TITLE OF INVENTION: (STP2)
CURRENT APPLICATION UNMBER: US/09/328,174A
CURRENT FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 09/328,174
PRIOR APPLICATION NUMBER: 09/328,174
PRIOR FILING DATE: 1999-06-08
NUMBER OF SEQ ID NOS: 110
NUMBER OF SEQ ID NOS: 110
                                                                                                                                                                                                                                                                    ORGANISM: Homo Sapiens
FEATURE:
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-21787 for SEQ 3035,
09-422-978-6969
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                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                               y Match 1.0%; Score 13.4; DB 1; Length 19; Local Similarity 93.3%; Pred. No. 3.3e+02;
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                                                                                                                                   864 CAGTGTATTAGCTTC 878
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                                                                                       CAGCGTATTAGCTTC 5
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93.3%;
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Pred. No. 3.3e+02;
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OTHER INFORMATION: Description of Artificial Sequence: One Strand; OTHER INFORMATION: a plasmid US-09-758-735-4
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                                                                                                               US-09-758-735-5
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                                                                                                                                                                                                      SEQ ID NO 5
LENGTH: 19
TYPE: DNA
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Best Local (
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                                        Matches
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                                                       Best Local
                                                                         Query Match
                                                                                                                                                                                                                                                                          APPLICANT: Kuhn, Heiko
APPLICANT: Broude, Natalia E.
APPLICANT: Broude, Natalia E.
TITLE OF INVENTION: Methods and Compositions Pertaining To
FILE REFERENCE: BU9901US-CN1
CURRENT APPLICATION NUMBER: US/09/758,735
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 60/083684
PRIOR APPLICATION NUMBER: 60/083684
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 09/302201
PRIOR APPLICATION NUMBER: 09/302201
PRIOR APPLICATION DATE: 1999-04-29
PRIOR FILING DATE: 1999-04-29
RUMBER OF SEQ ID NOS: 18
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 09/302201
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 18
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: Methods and Compositions Pertaining To PD-Loops
FILE REFERENCE: BU9901US-CN1
                                                                                                                                                                                                                                                              SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/758,735
CURRENT FILING DATE: 2001-01-11
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                                                                                                                         ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: One Strand of
OTHER INFORMATION: a plasmid
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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   763 CCCATCGAACCTTCT 777
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Similarity 93.3%;
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Bukanov, Nikolay O.
Demidov, Vadim V.
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Demidov, Vadim V.
Kuhn, Heiko
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                                      Conservative
                                                       1.0%;
93.3%;
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                                                       Score 13.4;
Pred. No. 3.
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Pred. No. 3.3e+02;
                                        Mismatches
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                                                         .3e+02
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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
CTHER INFORMATION: PCNA HH ribozyme binding site
US-09-696-791-4047
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US-09-696-791-4047
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Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                         MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08320
FILING DATE:
CLASSIFEICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Glesser, Joanne M.
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19393 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)-594-3046
TELEPHONE: (908)-594-3046
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIN Ver. 2.0
SEQ ID NO 4047
LENGTH: 19
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Best Local Similarity 93.3%;
                                                                                         TELEFAX: (908)-594-4720
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Olsen, David B.
APPLICANT: Kuo, Lawrence C.
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR
TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                   HYPOTHETICAL:
                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: UZIP: 07065
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126 E. Lincoln Avenue, P.O.
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Pred. No. 3.3e+02;
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RESULT 477
5223425-17
5223425-17
; Patent No. 5223425
; APPLICANT: FLIER, JEFFREY S.;SPIEGELMAN, BRUCE M.;ROSEN,
; BARRY M.;WHITE, TYLER R.
;BARRY M.;WHITE, TYLER R.
;BARRY M.;WHITE, TYLER R.
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PCT-US96-08330-1/c
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Best Local
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
ATTORNEY AGENT INFORMATION:
NAME: Giesser, Joanne M.
REGISTRATION UNMEER: 32,838
REFERENCE/DOCKET NUMBER: 1939
TELECOMMUNICATION INFORMATION:
NUMBER OF SEQUENCES: 19
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                 HYPOTHETICAL:
ANTI-SENSE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kuo, Lawrence C.
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY
NUMBER OF SEQUENCES: 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US96/08330 FILING DATE:
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                                                                                                                                                                                                                                                                    Similarity
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Similarity 93.3%;
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126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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Pred. No. 3.3e+02;
0; Mismatches 1
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Pred No. 3
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APPLICANT: Brugilera, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Michael, Michael Z.
APPLICANT: Michael, Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 11658
CURRENT FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: PA9886
PRIOR FILING DATE: 1998-09-01
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 27
LENGTH: 18
TYPE: DNA
COGRANTSM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                 US-09-637-751A-7/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide US-09-142-108C-27
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US-09-142-108C-27
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 34,203
FILING DATE: 02-APR-1987
SEQ ID NO:17:
                                                                                                                                                 APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tags
Patent No. 6383754
FILE REFERENCE: AGL 100
                                                                                                                                                                                                                                                                                                              Sequence 7, Application US/09637751A Patent No. 6383754
SEQ ID NO 7
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
                                                                                    CURRENT APPLICATION NUMBER: US/09/637,751A
CURRENT FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
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Lizardi, Paul M.
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Pred. No. 3.5e
0; Mismatches
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Pred. No. 3.
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APPLICANT: Lizardi, Paul M.
APPLICANT: Feng, Li
APPLICANT: Latimer, Darin R.
APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tag
Patent No. 6773886
FILE REFERENCE: AGL 100
CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
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US-09-142-108C-28
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                                                                                                                  SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 28
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Best Local :
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Best Local Similarity
                                                                                                                                                                                                             APPLICANT: Brugliera, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Holton, Timothy A.
APPLICANT: Michael, Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 11658
CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
                                                                                                                                                   PRIOR APPLICATION NUMBER: PN8386
PRIOR FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 45
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
                                   LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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Lizardi, Paul M.
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Pred. No. 3.
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Pred. No. 3.5e+02;
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Query Match
Best Local Similarity
Tatches 15; Conserve
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US-07-759-841C-2/c
                                                                                                                                                                                                                      ; DATE: 19
US-07-759-841C-2
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Best Local
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MEDIUM TYPE: Diskette, 5.25 inch, 360
MEDIUM TYPE: Diskette, 5.25 inch, 360
COMPUTER: IBM-compatible 486/33
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/759,841C
APPLICATION NUMBER: US/07/759,841C
APPLICATION SOFT IS SEPTEMBER 1991
CLASSIFICATION: 514
PRIOR APPLICATION DATA: none
ATTORNEY/AGENT INFORMATION:
NAME: FINCH JOHN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application Patent No. 5618796
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotide bases
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POSITION IN GENOME:
CHROMOSOME/SEGMENT:
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hes 15; Conserv
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REGISTRATION NUMBER: 19,528
REFERENCE/DOCKET NUMBER: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: P.O. Box 3:
CITY: Williamsburg
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AUTHORS: Karin, M., and Richards, R. I.
TITLE: Human metallothionein genes-primary
TITLE: structure of the Metallothionein-II gene and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CHROMOSOME/SEGMENT: 16q21-q22.1.
MAP POSITION: 844 through 861
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STRANDEDNESS: sing
TOPOLOGY: linear
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334 CCCAGGAGCTCCTGCGCC 351
                                                                                                                                                                                                                                                                                                                                                                                                                                                 a related processed gene
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P.O. Box 3609
                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                           Nature
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No. 5618796el Metal Binding Agents,
Methods and Compositions for Their
Use to Treat Metal Toxicity
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                                                                                                       Score 13.2; DB 1; Length 18; Pred. No. 3.5e+02;
                                                                        Mismatches
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                                                                        Indels
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RESULT 484
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US-07-759-841C-3
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                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/07759841C Patent No. 5618796
                                                                                                    Query Match
                                                                                     1898
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (804) 220-0930 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION: APPLICANT: Iverse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Floyd, John P.
REGISTRATION NUMBER: 19,528
REFERENCE/DOCKET NUMBER: 63031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (804) 220-0930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotide |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                   PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE: Yes
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
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CURRENT APPLICATION DATA:
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MOLECULE TYPE: cl
HYPOTHETICAL: no
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PRIOR APPLICATION DATA: none
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                            PAGES: ...
                                                                                    госат
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage COMPUTER: IBM-compatible 486/33 OPERATING SYSTEM: MS-DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 12 September 1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/07/759,841C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Williamsburg
                                                                                                                                                                                                                         JOURNAL:
                                                                                                                                                                                                                                                                                                  AUTHORS:
                                                                                                                                                                                                                                                                                                                                                    MAP POSITION:
                                                                                                                                                                                            SSUE:
                                  334 CCCAGGAGCTCCTGCGCC 351
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                                                                                    Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         nucleic acid
                                                                                                                                                                                                                                           S: Karin, M., and Richards, R. I.
Human metallothionein genes-primary
structure of the Metallothionein-II gene and
a related processed gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18 nucleotide bases
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P.O. Box 3609
                                                                     Conservative
                                                                                                                                                                                                                               Nature
                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                    GMENT: 16q21-q22.1.
844 through 861
                                                                                                                                                                                                                                                                                                                                                                                                                                           cDNA to a mRNA
                                                                   0.9%; Score 13.2; I
83.3%; Pred. No. 3.56
tive 0; Mismatches
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Use to Treat Metal
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18
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                                                                                    DB 1; Length 18; .5e+02;
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                                                                   Gaps
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MEDIUM TYPE:

Diskette

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RESULT 485
US-08-476-625-23/c
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                                                                                                                                                                           Sequence 23, Application US/08476625
Patent No. 5739311
GENERAL INFORMATION:
APPLICANT: Lackey, David Bruce
APPLICANT: Lackey, Nanibhushan
APPLICANT: Mactagupta, Nanibhushan
APPLICANT: Kacian, Daniel Louis
TITLE OF INVENTION: ENZYMATIC SYNTHESIS OF
TITLE OF INVENTION: PHOSPHOROTHIOATE OLIGONUCLEOTIDES USING RESTRICTION ENDONUCLEA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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OPERATING SYSTEM: DOS
SOFTWARE: FRACESCO VECRSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,816
FILING DATE: 07-JUN-1995
CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PILING DATE:
ATTORNEY AGENT INFORMATION:
ATTORNEY AGENT INFORMATION:
NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CB10
TELECOMPUNICATION INFORMATION:
TELEPHONE: 619-535-2807
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APPLICANT: Dattagupta, Nanibhushan
APPLICANT: Battagupta, Nanibhushan
APPLICANT: Kacian, Daniel Louis
TITLE OF INVENTION: THE USE OF RESTRICTION ENDONUCLEASE
TITLE OF INVENTION: SEQUENCES FOR CLEAVING PHOSPHOROTHIOATE OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
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ADDRESSEE: Gen-Probe Incorporated
STREET: 9880 Campus Point Drive
                                                                                                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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COMPUTER READABLE FORM:
                                                       STREET: YOU CITY: San Diego
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                   COUNTRY: U
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STATE: CA
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                                                                                                                      ADDRESSEE:
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                                                                                               E: Gen-Probe Incorporated 9880 Campus Point Drive
                                      USA
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Pred. No. 3.5e+02;
0; Mismatches 3;
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                                             TELEPHONE: (215) 563-41(
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                                             SOFTWARE: Patentin Release #1
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/384
FILING DATE: 31-JAN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 6307
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/
FILING DATE: 07-UN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                              ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Gold, Barry I.

TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1601 market
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
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                                                                                                                                                                                                                                                                                                                                                                                             STATE:
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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Similarity 83.3%;
15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                           USA
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Pred. No. 3.
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3.5e+02;
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US-08-949-076-23/c
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Sequence 23, Application US/08949076
Patent No. 5916777
GENERAL INFORMATION:
APPLICANT: Kacian, Daniel Louis
APPLICANT: Dattagupta, Nanibhushan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   sequence 3, Application US/08734973
Patent No. 5912147
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Best Local Similarity
                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Wordperfect for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/734,973
FILING DATE: October 1996
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, M. Bud
REGISTRATION NUMBER: 35,300
REGISTRATION NUMBER: 35,300
                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 03551.0021
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 856-4000
TELEFAX: (716) 849-0349
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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HYPOTHETICAL: Y
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                       MOLECULE TYPE: HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear STREET: 1800 One M&T Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Anderson, Garth R.
TITLE OF INVENTION: A Rapid Means For Quantitating
TITLE OF INVENTION: Genomic Instability
NUMBER OF SEQUENCES: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
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OPERATING SYSTEM: MS-DOS/ Microsoft Windows
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Basik, Mark
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                                                                                                                                                                                                                                                                                                                     linear
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                                                                                                                                                                                                          Score 13.2; DB 1;
Pred. No. 3.5e+02;
0; Mismatches 3
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Pred. No. 3.5e+02;
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RESULT 489
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                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Datttagup
APPLICANT: Kacian, D
APPLICANT: Lackey, D
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                              Sequence 23, Application US/08484519 Patent No. 5932450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local S
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                                                                ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4:
PILING DATE: 07-UN-1995
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CORRESPONDENCE ADDRESS:
Gen-Probe Incorporated
ADDRESSEE: Gen-Probe Incorporated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CB:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
          COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
                                                                                                                                                                                            NUMBER OF SEQUENCES: 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 619-546-7929
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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APPLICATION NUMBER:
                                                                                                                  COUNTRY:
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                                                                                                                                                                              ADDRESSEE:
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                                                                          Diskette
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ENZYMATIC SYNTHESIS OF
OLIGONUCLEOTIDES USING DIGESTIBLE TEMPLATES
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ENZYMATIC SYNTHESIS OF
OLIGONUCLECTIDES USING 3'-RIBONUCLECTIDE PRIMERS
                                                                                                                                                                                                                                                                      Daniel Louis
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US/08/484,519
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Pred. No. 3
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FILING DATE: 0
CLASSIFICATION:

07-JUN-1995

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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordberfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,946
FILING DATE: 16-MAY-1997
CLASSIFICATION: 435
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atent No. 5994075
                                                                                                TELEFAX: 617-345-9111 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                APPLICATION NUMBER: US/60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Fisher, Carlos A.
REGISTRATION, NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CB:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
                                                                                                                                  REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 35
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
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TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN
TITLE OF INVENTION: GENE OF INTEREST
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APPLICATION NUMBER:
FILING DATE:
                                                                                  SEQUENCE CHARACTERISTICS:
               TOPOLOGY:
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STATE: Massachusetts
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TOPOLOGY: lir
                             STRANDEDNESS:
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other nucleic acid
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Pred. No. 3.5e+02;
0; Mismatches 3
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US-09-161-244-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Applic
Patent No. 6015670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/161,244
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
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                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/970,740
FILING DATE: 14-NOV-1997
PRIOR APPLICATION NUMBER: 08/857,946
FILING DATE: 16-MAX-1997
PRIOR APPLICATION NUMBER: 60/017,824
APPLICATION NUMBER: 60/017,824
FILING DATE: 17-WAX-1996
ATTORNEY/AGENT INFORMATION:
NAME: KAthleen M. Williams
NAME: KAthleen M. Williams
NAME: KAthleen M. Williams
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APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF CD71 EXPRESSION
FILE REFERENCE: RTS-0007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION: APPLICANT: Goodfe
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TYPE: DNA
ORGANISM: Artificial Sequence
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ADDRESSEE: Banner & Witcoff, Inc.
STREET: 28 State Street, 28th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A TITLE OF INVENTION: GENE OF INTEREST NUMBER OF SEQUENCES: 162
                                                                                                                                                                                                                                                                                                                                                        Local
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REFERENCE/DOCKET NUMBER:
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15; Conserv
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83.3%; Pred. No. 3.5e+02;
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3529/59829
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Pred. No. 3.5e+02
0; Mismatches
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밁
                                                                                                                            US-08-867-381A-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-867-381A-9
                                                           Query Match
Best Local Similarity
Matches 15; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 83.3
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 9, Application US/08867381A Patent No. 6075123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 617-227-4399
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                 TELEFAX: 201-343-1689
[INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION: 514
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REGISTRATION NUMBER: 16,742
                                                                                                                                          DESCRIPTION: HYPOTHETICAL:
                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/867,381A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lahti, Jill M. APPLICANT: Kidd, Vincent J.
                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND TITLE OF INVENTION: THERAPEUTIC USES THEREOF
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                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                            1465 AGGTGAACAATTTCAATT 1482
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AGGTGAACATCTTAAATT 18
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                                                                                                                                                                                                                                          18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3: David A. Jackson, Esq.
411 Hackensack Ave, Continental Plaza, 4th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 617-227-4399
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                                                             Conservative
                                                                                                                                                                                           linear
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/desc = "Oligonucleotides
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                                                           Score 13.2; DB 1;
Pred. No. 3.5e+02;
0; Mismatches 2
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Pred. No. 3.5e+02;
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                                                                                           DB 1;
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US-08-912-272-47
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8077672
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Patent No. 6093874
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SEQ ID NO 46
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brett P. Monia and Lex M. Cowsert TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION FILE REFERENCE: RTS-0005
                                                                        TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: '
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/143,212B CURRENT FILING DATE: 1998-08-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06
APPLICATION NUMBER: 1996
PTI.ING DATE: 20-AUG-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                           CLASSIFICATION: 800
PRIOR APPLICATION DATA:
US 08/879,827
                               SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Jofuku, K. Diane
APPLICANT: Okamuro, Jack K.
TITLE OF INVENTION: Methods
NUMBER OF SEQUENCES: 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 18
                                                                                                       REFERENCE/DOCKET NUMBER: 023070-067220US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 0 FILING DATE: 20-JUN-1997
                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/0 FILING DATE: 15-AUG-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                                                                                                                      REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
STRANDEDNESS:
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15; Conserv
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               : 18 base pairs nucleic acid
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Two Embarcadero Center, Eighth Floor
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single
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83.3%; Pred. No. 3.56
tive 0; Mismatches
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3.5e+02;
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TOPOLOGY:

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US-09-181-706-5
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US-09-181-706-5
                                                                                                                                                                                                                                               CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: --to be assigned-- (USSN 08/958,598
APPLICATION NUMBER: conversion to Provisional application)

PILING DATE: October 26, 1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Henry, Janis C

REGISTRATION NUMBER: 34,347

REFERENCE/DOCKET NUMBER: 2631-A

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206)470-4189
                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/181,706
FILING DATE: October 28, 1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/958,598 (converted to a APPLICATION NUMBER: Provisional, see below)
FILING DATE: October 28, 1997
FILING DATE: October 28, 1997
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APPLICANT: MeLanie K. Spriggs, Michael R. Comeau,
APPLICANT: Mobert F. Dubose, Richard S. Johnson
TITLE OF INVENTION: VIRAL ENCODED SEMAPHORIN PROTEIN
TITLE OF INVENTION: RECEPTOR DNA AND POLYPEPTIDES
NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                           TELEFAX: (206)233-064
                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                      MOLECULE TYPE:
HYPOTHETICAL:
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                                                    ANTI-SENSE:
FEATURE:
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LOCATION: 1..18
OTHER INFORMATION:
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                                   NAME/KEY:
                                                                                                                                          STRANDEDNESS:
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                                                                                                                         TOPOLOGY:
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51 University St.
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Pred. No. 3.
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Sequence 5, Application:
Patent No. 6174689
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US-09-458-791-5
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                        Matches
                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (206)233-0644 INFORMATION FOR SEQ ID NO: 5:
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LENGTH: 18 base pairs
TYPE: nucleic acid
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REGISTRATION NUMBER: 34,347
REFERENCE/DOCKET NUMBER: 263
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)470-4189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS/Windows 95
SOFTWARE: Word for Windows 95, 7.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/458,791
FILING DATE: 10-Dec-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: F10ppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/958,598
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: primer
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                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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                                                   656 GCCGGCCTCAGACTCACC
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GCGGGACTCAGAGTCACC
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STATE: WA
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                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: <Unknown>
                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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83.3%;
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Pred. No. 3.5e
0; Mismatches
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Pred. No. 3.5e+02;
0; Mismatches 3
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US-09-459-066-5; Sequence 5, Application US/09459066; Patent No. 6187909

RESULT 498

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RESULT 499
US-09-721-822A-100/c
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                                                                 CURRENT APPLICATION NUMBER: US/09/721,822A
CURRENT FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 100
LENGTH: 18
                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Michael J. Weber
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 83.3 Matches 15; Conservative
                                                                                                                                                                                                                                                              Sequence 100, Application US/09721822A Patent No. 6306606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                      TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION FILE REFERENCE: RTS-0142
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INFORMATION FOR SEQ ID NO:
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FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY:
LOCATION:
                             ORGANISM: Artificial Sequence
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: MS-DOS/Windows 95

OPERATING SYSTEM: MS-DOS/Windows 95, 7.0a
                                                    TYPE: DNA
OTHER INFORMATION: Antisense Oligonucleotide
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LENGTH: 18 base pairs
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ADDRESSEE: Janis C. Henry
STREET: 51 University St.
                   EATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: primer HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Henry, Janis C
REGISTRATION NUMBER: 34,347
REFERENCE/DOCKET NUMBER: 26
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CITY: Seattle
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VIRAL ENCODED SEMAPHORIN PROTEIN
RECEPTOR DNA AND POLYPEPTIDES
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Pred. No. 3
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RESULT 501
US-08-700-530-1/c
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US-09-521-144-9
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                                                                                                               Matches
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                                                                                                                                         Query Match
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Lahti, Jill M.
APPLICANT: Kidd, Vincent
                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/867,381
FILING DATE: O2-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                  MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides C-3"
                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                    HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                TELEPHONE: 201-487-5800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: CYCLIN-C VARIANT, TITLE OF INVENTION: THERAPEUTIC USES
                                                                                                                                                                                                                                                                                                                                                         NAME: Jackson Esq., David A. REGISTRATION NUMBER: 26,742 REFERENCE/DOCKET NUMBER: 134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 411 H
                                                                                                                             Local
                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                          STRANDEDNESS:
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New Jersey
                                                        AGGTGAACATCTTAAATT 18
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83.3%;
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Pred. No. 3.5e+02
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Pred. No. 3
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Continental Plaza,
                                                                                                                Mismatches
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GENERAL INFORMATION:

Sequence 1, Application US/08700530 Patent No. 6316186

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US-09-026-039-47
; Sequence 47, Application US/09026039
; Patent No. 6329567
; Patent INFORMATION:
; APPLICANT: Jofuku, K. Diane
APPLICANT: Okamuro, Jack K.
; TITLE OF INVENTION: Methods for Improving Seeds
; NUMBER OF SEQUENCES: 103
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                                                                                                                                                                                                                                        RESULT 503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Head, Steven R.
APPLICANT: Geolet, Philip
APPLICANT: Karn, Jonathan
APPLICANT: Boyce-Jacino, Michael
APPLICANT: Boyce-Jacino, Michael
TITLE OF INVENTION: De No. 63229680 or "Universal" Sequencing Array
FILE REFERENCE: 04990,0049
CURRENT APPLICATION NUMBER: US/08/976,427A
CURRENT FILING DATE: 1997-11-21
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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CURRENT APPLICATION NUMBER: US/08/700,530
CURRENT FILING DATE: 1996-10-23
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR APPLICATION NUMBER: GB 9404709.9
PRIOR FILING DATE: 1994-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic primer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
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nes 15; Conserv
                                                                                                                                                                                                                                                                                                                                         545 rerecerecerecere 562
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Pred. No. 3.5e+02
0; Mismatches
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; OTHER INFORMATION: /note= "JOAP2U primer"
US-09-026-039-47
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                                    US-09-516-914-39
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                                                                                   SEQ ID NO 39
LENGTH: 18
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Patent No. 6333401
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Best Local Similarity
Query Match
                                                                                                                                                    APPLICANT: Breinig, Sabine
APPLICANT: Fuchs, Georg
TITLE OF INVENTION: Phenol-induced Proteins
FILE REFERENCE: BC1006 US NA
CURRENT APPLICATION NUMBER: US/09/516,914
CURRENT FILING DATE: 2000-03-01
EARLIER APPLICATION NUMBER: 60/122,952
EARLIER FILING DATE: 1999-03-05
                                                                                                                       SOFTWARE: Microsoft
                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: 4
                                                  TYPE: DNA
ORGANISM: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,272
FILING DATE: 15-AUG-1997
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
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                                                                                                                       Office 97
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83.3%;
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 0.9%; Score 13.2;
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Length 18;
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RESULT 507
US-08-679-645-563/c
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TITLE OF INVENTION: De No. 63371880 or "Universal" Sequencing Array
FILE REFERENCE: 04990.0049
CURRENT APPLICATION UNMERR: US/09/648,312
CURRENT FILING DATE: 2000-08-25
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Fastser f
                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:

APPLICANT: Sorge, Joseph
APPLICANT: Sorge, Joseph
TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid Using
TITLE OF INVENTION: Probe Comprising Secondary Structure
FILE REFERENCE: 25436/1140
CURRENT APPLICATION NUMBER: US/09/686,179A
CURRENT FILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.1
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 18
                                                                                                                                             Query Match
Best Local Similarity
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                                                                                                                                Matches
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LENGTH: 18
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OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: synthetic oligonucleotide fragment of cleaved template
                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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les 15; Conservative
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Pred. No. 3.5e+02;
0; Mismatches 3;
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Pred. No. 3.5e+02;
D; Mismatches 3;
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); Mismatches
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GENERAL INFORMATION:
APPLICANT: Kaufman,
APPLICANT: Roth, Mat
APPLICANT: Lizardi,
APPLICANT: Feng, Li
                                                                                                                                                                                                                                                             RESULT 508
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                                                                                                                                                               Sequence 6, Application US/09637751A Patent No. 6383754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Patent No. 635093
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INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: July 12
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
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ADDRESSEE: Lyon & Ly
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/001,133
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
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FILING DATE: July 12, 1996
CTASSIFICATION: 800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A. ZIP: 90071-2066
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E: California
TRY: U.S.A.
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Edington, Brent E.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Merlo,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Thomas A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1263
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US/08/679,645
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Pred. No. 3.5e+02.
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Roth, Matthew E. Lizardi, Paul M. Lizardi,

Kaufman, Joseph C.

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APPLICANT: Nellem, ...
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR APPLICATION NUMBER: 08/088,658
                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/08,661
PRIOR FILING DATE: 1993-07-02
PRIOR PRIOR PELICATION NUMBER: PCT/EP92/012:
PRIOR FILING DATE: 1992-05-22
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR APPLICATION NUMBER: 987/91
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR FILING DATE: 1991-05-24
PRIOR FILING DATE: 1991-05-24
                                                                                                                                                                                                                                                                                        SOFTWARE:
SEQ ID NO 32
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APPLICANT:
APPLICANT:
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      Matches
                                            Query Match
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
-09-637-751A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: AGL 100
CURRENT APPLICATION UMBER: US/09/637,751A
CURRENT FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver: 2.1
                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1991-
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1991-
                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
                                                                                                     NAME/KEY: misc_feature
LOCATION: (9)...(10)
OTHER INFORMATION: Lysine, Amino Hexanoic Acid,
OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                            FEATURE:
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y Match 0.9%; Score 13.2; DB 1; Local Similarity 83.3%; Pred. No. 3.5e+02; hes 15; Conservative 0; Mismatches 3;
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llarity 83.3%;
Conservative
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Pred. No. 3.5e
O; Mismatches
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                                        Length 18;
      Indels
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; OTHER INFORMATION: SYNTHETIC DNA US-09-725-265-17
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US-09-725-265-17/c
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APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLI
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLI
TITLE OF INVENTION: METHOD FOR THE METHOD, AND METHOD FOR ANALYZING DATI
TITLE OF INVENTION: THE METHOD
FILLE REFERENCE: 1999510SOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                           SEQ ID NO 7402
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                                                                                                                                      APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-01-23
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No.
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ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
                                         TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                LENGTH: 18
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KANAGAWA, TAKAHIRO
KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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Pred. No. 3.
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RESULT 513
US-09-679-298A-25/c
; Sequence 25, Application US/09679298A
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US-09-459-065-5
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US-09-459-065-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: upstream amplification primer 99-4285 for SEQ 3468, US-09-422-978-7402
                                                                                                                                               Query Match 0.9
Best Local Similarity 83.3
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Applic Patent No. 6562949
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Spriggs, Mel.
TITLE OF INVENTION: VIR.
TITLE OF INVENTION: REC.
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                            FEATURE:
NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/9:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 26
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                               ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS/Windows 95
SOFTWARE: Word for Windows 95, 7.0a
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nes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Henry, Janis C
REGISTRATION NUMBER: 34,347
                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 51 Un:
CITY: Seattle
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                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                         18 base pairs
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                                                                                                                                                                0.9%;
83.3%;
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VIRAL ENCODED SEMAPHORIN PROTEIN
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Pred. No. 3.5e+02;
                                                                                                                                                 Score 13.2; DB 1;
Pred. No. 3.5e+02;
0; Mismatches 3
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                                                                                                                                                                               DB 1;
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                                                                                                                                                                               Length 18;
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US-09-556-127-17/c
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Patent No. 6589743
GENERAL INFORMATION:
                                                                                                                                                    GENERAL
                                                                                                                                                                 Sequence 17, Application US/09556127 Patent No. 6699661
                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local (
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SEQ ID NO 25
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GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
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                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Sorge, Joseph
TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid TITLE OF INVENTION: Probe Comprising Secondary Structure
FILE REFERENCE: 25436/1140
CURRENT APPLICATION NUMBER: US/09/981,621
CURRENT FILING DATE: 2001-10-17
PRIOR FILING DATE: 2001-10-17
PRIOR FILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.1
                     APPLICANT:
TITLE OF IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION FILE REFERENCE: RTS-0045 CURRENT APPLICATION NUMBER: US/09/679,298A CURRENT FILING DATE: 2001-03-05
                                                                   APPLICANT:
                                                                                    APPLICANT:
                                                                                                                                  APPLICANT: KURANE,
                                                      APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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    INVENTION: METHOD FOR DETERMINING A CONCENTRATION INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AN
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15; Conserv
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                                 KANAGAWA, TAKAHIRO
KAWAGATA, YOICHI
YAMADA, KAZUTAKA
YOKOMAKU, TOYOKAZU
KOYAMA, OSAMU
FURUSHO, KENTA
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Pred. No. 3
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Pred. No. 3
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        ON OF TARGET NUCLEIC ACID AND METHOD FOR ANALYZING
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US-09-816-248-22
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                                                                                                      GENERAL INFORMATION:
APPLICANT: Kaufman, Joseph C.
APPLICANT: Kaufman, Joseph C.
APPLICANT: Hzardi, Paul M.
APPLICANT: Lizardi, Paul M.
APPLICANT: Feng, Li
APPLICANT: Latimer, Darin R.
APPLI
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FILE REFERENCE: 0.09491/0.201
CURRENT APPLICATION NUMBER: US/09/816,248
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/09994311
Patent No. 6773886
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APPLICANT: BAUMANN, PETER
APPLICANT: CECH, THOMAS R.
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Best Local
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CURRENT FILING DATE: 2002-06-17
PRIOR APPLICATION NUMBER: JF 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
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TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
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ORGANISM: Artificial Sequence
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83.3%; Pred. No. 3.5e+02;
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OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-994-311-6
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PCT-US96-01473-4/c
                                                                                                                           PCT-US96-01473-4
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BEST Local Similarity 83.3%;
Matches 15; Conservation
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NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN VEY: 2.1
SEQ ID NO 6
                                                               Matches
                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                 TELEFAX: (215) 563-404
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICATION NUMBER: PCT/US96/0147
FILING DATE: 29-JAN-1996
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 563-4100
                                                                                                                                                                                                                                                                                                                                   FILING DATE: 01-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                          HYPOTHETICAL:
ANTI-SENSE:
                                                                                                                                                                     TOPOLOGY: no
                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: University of Nebraska, Board of Regents APPLICANT: Gold, Barry I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                    TELEPHONE: (215) 563-4044
TOTALEPAX: (215) 563-4044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CITY: Philadelphia
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                                                                                                                                                                                                        STRANDEDNESS:
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                              1520 АААЛААЛААЛАГТАЛА 1537
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18 AAAGAAAAAAAAGAAAGA 1
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1601 Market Street Suite 720
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                                                               Conservative
                                                                                                                                            YES
                                                                                                                                                                                       _not relevant
                                                                                                                                                           SEY
                                                                                                                                                                          other nucleic acid
                                                                            0.9%;
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                                                          Score 13.2; DB 1;
Pred. No. 3.5e+02;
0; Mismatches 3
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Pred. No. 3.5e+02;
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                                                                                             DB 1;
                                                                                           Length
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                                                               Indels
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                                                               Gaps
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US-07-912-900-20
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Best Local Similarity
Matches 15; Conserv
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TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REFERENCE: GENSET.031A
CURRENT APPLICATION NUMBER: US/09/345,882
CURRENT FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: US 60/091,315
PRIOR FILING DATE: 1998-06-30
PRIOR FILING DATE: 1998-06-30
PRIOR PPLICATION NUMBER: US 60/111,909
PRIOR FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patent.pm
SEQ ID NO 105
                                                        COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PATENTIA Release #1.0, Version #1.25
SOFTMARE: APPLICATION DATA:
APPLICATION NUMBER: US/07/912,900
FILING DATE: 19920713
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGIO, Frank S.
REGISTRATION NUMBER: 31,346
REFERBACE/DOCKET NUMBER: 8633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 20,
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Patent No. 6399373
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 5-129-144.mis1
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                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 19
                TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Tanaka, Yoshikazu
APPLICANT: Lester, Diane R.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
TITLE OF INVENTION: PATHWAY ENZYMES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Holton, Timothy A. APPLICANT: Cornish, Edwina C. APPLICANT: Kovacic, Filippa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Scully, Scott, Murphy & Presser STREET: 400 Garden City Plaza CITY: Garden City STATE: New York
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(516)
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83.3%;
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Pred. No. 3.7e+02;
0; Mismatches 3;
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TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-285-309-20
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                                                        Best Loc
Matches
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                                                                                   Query Match
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TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8633Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
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                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: GENETIC SEQUENCES ENCODING A 3,5'-TITLE OF INVENTION: HYDROXYLASE AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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TELEPHONE: (516) 742-4366
TELEPHONE: (516) 742-4366
                                                                      Local
                                                                                                                                                                            TYPE:
                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 03-AUC CLASSIFICATION: 80
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                           1246 TCTTTGTTTTGTTTTTA 1263
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al Similarity 83.3%;
15; Conservation
                                                        l Similarity
15; Conserv
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1: 400 Garden City Plaza
Garden City
: New York
RY: U.S.A.
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                                                                                                                                                                      nucleic acid
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                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tanaka,
                                                                                                                                                                                                                                                                                                                                                                   03-AUG-1994
                                                                                                                              DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy disk
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                                                                                                                                                          single
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83.3%; Pred. No. 3.8e+02
tive 0; Mismatches
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18
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Pred. No. 3
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                                                                                     DB 1;
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US-08-502-046-20
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US-08-313-075A-11
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                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: AU PL 1538/92
PILING DATE: 27-MAR-1992
PRIOR APPLICATION NUMBER: AU PL 6698/93
PRIOR APPLICATION NUMBER: AU PL 6698/93
PILING DATE: 07-JAN-1993
PRIOR APPLICATION NUMBER: AU PCT/AU93/001
APPLICATION NUMBER: AU PCT/AU93/001
FILING DATE: 25-MAR-1993
ATTORNUMY/AGRATI INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
                                                                   GENERAL INFORMATION:
APPLICANT: Holton, Timothy A.
APPLICANT: Cornish, Edwins C.
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APPLICATION US/08/313,075A
PILING DATE: 30-NOV-1994
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
-313-075A-11
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MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Holton, Timothy
                                                                                                                                                                                                                                                                                                                                           Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 9433
LECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
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                                                                                                                              20, Application US/08502046
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1 Similarity 83.3%;
15; Conservative
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Cornish, Euwanie
Filippa
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                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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                                     Yoshikazu
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GENETIC SEQUENCES ENCODING A 3,5'-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AU PCT/AU93/00127
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; Pred. No. 3.8e
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                           3.8e+02;
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Best Local S
Matches 15
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                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 34,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/285
FILING DATE: 03-AUG-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                APPLICANT: Suggs, Samue, APPLICANT: Martin, Francis H.
APPLICANT: Martin, Francis H.
APPLICANT: Martin, Francis H.
APPLICANT: Stem Cell Factor
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STATE: New York
THE THE STATE: New York
                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 86
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 14-JUL-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pair
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                   STREET: 6300 s
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: DiGiglio, Frank REGISTRATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U
                                                                                                                                                    COUNTRY: United States of America
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE:
                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1246 TCTTTGTTTTGTTTTTA 1263
                                                                                                                                         60606-6402
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TTTTTTTTTTTTTTTA 18
                                                                                                                                                                        Illinois
                                                                                                                                                                                                                                                                                                                                                                                                      Application US/08482918
                                                                                                                                                                                                         E: Marshall, O'Toole, Gerstein, Murray & 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Scully, Scott, Murphy & Presser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 base pairs
                                                                                                                                                                                                                                                                                                                                  Bosselman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (516) 742-4366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                     Zsebo, Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14-JUL-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DNA (genomic)
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07-JUN-1995
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                                                                                                                                                                                                                                                                                                                                  Robert A.
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Pred. No. 3.8e+02
0; Mismatches
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CLASSIFICATION:

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US-09-224-681-34
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Best Local :
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/224,681
APPLICATION NUMBER: US/09/224,681
                                                               APPLICATION NUMBER: 07/98
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/58
FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                FILING DATE: 01-OCT-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4-
FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 12-JAN-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                       PRIOR APPLICATION DATA:
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Local Similarity 83.3%;
thes 15; Conservative
              APPLICATION NUMBER: 07/5
FILING DATE: 24-AUG-1990
                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER:
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APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Illinois
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Martin, Francis H.
VENTION: Method for Enhancing the Efficiency of VENTION: Transfer with Stem Cell Factor (SCF) Po
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Suggs, Sidney
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bosselman, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Zsebo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  . Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               104
                                                                                                                                     07/982,255
                              07/573,616
                                                                                  07/589,701
                                                                                                                                                                                                          08/449,653
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Pred. No. 3.
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Query Match
Best Local Similarity
Matches 15; Conserve
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US-09-224-681-34
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US-08-336-728A-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 34,
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                                                                                                                                                                                                                                                     COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A
FILING DATE: 09-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
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LENGTH: 20 base pairs
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ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
                                                   PRIOR APPLICATION DATA:
PRIOR APPLICATION UNMBER: 07/537,198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                            FILING DATE: 11-JUN-
PRIOR APPLICATION DATA:
                                                                                                                             PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
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TOPOLOGY: lir
                                                                                             APPLICATION NUMBER: 07/5
FILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                            FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Chicago
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                APPLICATION NUMBER:
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DEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Marshall, O'To
                                                                                                                                                                                                                                                                                                                                                                                                      United States of America
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Suggs, Sidney V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Zsebo, Krisztina M.
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16-OCT-1989
                                              11-JUN-1990
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                                                                                                              07/573,616
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                07/422,383
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ower, 233 South Wacker Drive
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Pred. No. 3
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APPLICANT: Neilsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
[CURRENT APPLICATION UNMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-17-22
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR APPLICATION NUMBER: 08/088,661
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US-08-275-951-49
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                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR FILING DATE: 1991-05-04
PRIOR FILING DATE: 1991-05-04
PRIOR FILING DATE: 1991-04-15
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Best Local Similarity
Matches 15; Conserv
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SOFTWARE: PatentIn Ve
SEQ ID NO 49
LENGTH: 20
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: PRIOR APPLICATION N
NAME/KEY: misc_feature
LOCATION: (13)
OTHER INFORMATION: N is
NAME/KEY: misc_feature
                                                                                    PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
NAME/KEY: misc_feature
LOCATION: (10)..(11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                           LENGTH:
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REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
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OS: 65
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Pred. No. 3.8e+02;
0; Mismatches 3
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OTHER INFORMATION: N is Pseudoiscytosine US-08-275-951-49
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US-09-635-251-34
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Patent No. 6759215
GENERAL INFORMATION:
APPLICANT: Zsebo, Krisztina M.
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Best Local Similarity 78.9%;
Matches 15; Conservative
                                                                                                                                                INFORMATION FOR SEQ ID NO: 34:
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
                                                                                                                                                                                                           NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
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ADDRESSEE: Marshall,
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                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Stem Cell Factor NUMBER OF SEQUENCES: 104
                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 6300 Ser
CITY: Chicago
STATE: Illinois
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            R APPLICATION DATA:
APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/635,251
FILING DATE: 07-Aug-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 07/5 FILING DATE: 11-JUN-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 07/589,701 FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 07/684,535 FILING DATE: 04-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 07/982,255 FILING DATE: 25-NOV-1992
                                                                                                                                                                                       TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 07/573,616 FILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Suggs, Sidney V.
Martin, Francis H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bosselman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EE: Marshall, O'Toole, Gerstein, Murray & 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Robert A.
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Pred. No. 3.8e+02;
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RESULT 530
US-08-725-976-2/c
; Sequence 2, Application US/08725976
; Patent No. 5929208
; GENERAL INFORMATION:
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US-08-146-504-2/c
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Best Local S
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                                                                                                                                                                                                                      Query Match
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WORDPER: IBM P.C. DOS (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: NO. 5605662ember 1, 1993
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
INCLUDING DATE: Including application
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER:
FILING DATE:
FILING DATE:
NAME: WARTHURG. RICHARD I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 5605662
GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Heller, Michael J.; and Tu, Eugene TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND TITLE OF INVENTION: DIAGNOSTICS
                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                     STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 611 CITY: Los Angeles
                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
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5. 5605662
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Pred. No. 3.
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Pred. No. 4e+02;
                                                                                                                                                                                   Mismatches
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                                                                                                                                                                                                                    Length 21;
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RESULT 531
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                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/08271882B Patent No. 6017696 GENERAL INFORMATION:
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Best Local S
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FILING DATE: October 4, 1996
CLASSIFICATION: 422
PRIOR APPLICATION DATA: including appender application DATA: including appender APPLICATION DATA: described believed application NUMBER: 08/146,504
FILING DATE: No. 5929208ember 1, 1:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (213) 489-1
TELEFAX: (213) 955-044
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                   APPLICANT: Glen A. Evans
APPLICANT: Ronald G. Sosnowski
TITLE OF INVENTION: SELF-ADDRESSABLE
TITLE OF INVENTION: SELF-ASSEMBLING
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSI
TITLE OF INVENTION: AND DIAGNOSTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE, DOCKET NUMBER: 22:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Heller, Michael J.; and Tu, Eugene TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS NUMBER OF SEQUENCES: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
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TOPOLOGY: lin
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                              COUNTRY:
                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                 ADDRESSEE:
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California
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                                                                                     633 West Fifth
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(213) 955-0440
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                                                                                                 Lyon & Lyon
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WINDOWS (VERSION 3.0)
                                                                                                                                                                       DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS
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                                                                                     Street
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Pred. No. 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
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3.5" Diskette, 1.44 Mb

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                                                                                                                     TYPE: DNA
OTHER INFORMATION: Description of Artificial Sequence: Sequences for OTHER INFORMATION: Labeling
US-08-726-278-2
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                               SEQ ID NO 2
LENGTH: 21
                                                                             Query Match
Best Local Similarity
                                                                 Matches
                                                                                                                                                                                                                                                                                               FILE REFERENCE: DAVID B. MURPHY/NANOGEN:
CURRENT APPLICATION NUMBER: US/08/726,278
CURRENT FILING DATE: 1996-10-04
PRIOR APPLICATION NUMBER: 08/271,882
PRIOR FILING DATE: 1994-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -08-726-278-2/c
                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn Ve
                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Heller, Michael J.
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: No. 6017696ember 1,
ATTORNEY/AGENT INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
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CURRENT APPLICATION DATA:
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TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/271,882B
FILING DATE: July 7, 1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Murphy, David B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
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                      ATCTTTGTTTTGTTTTT 1262
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ATTTTTTTTTTTTTTT 4
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Sosnowski, Ronald G.
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                                                                 Conservative
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WordPerfect (Version 5.1)
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Pred. No. 4e+02;
0; Mismatches 3;
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Pred. No. 4e+02;
                                                                 Mismatches
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APPLICANT: MUXAL, HINOYUKI
APPLICANT: ASADA, KIYOZO
APPLICANT: HINO, FUMITSUGU
APPLICANT: KATO, IKUNOSHIN
TITLE OF INVENTION: CANCER-ASSOCIATED GENES
FILE REFERENCE: 1422-388;
CURRENT APPLICATION NUMBER: US/09/377,497
CURRENT FILING DATE: 1999-08-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 56
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: any n or Xaa = unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-377-497-56
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US-08-332-838-3/c
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                   SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/332,831
FILING DATE: 01-NOV-1994
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cormack, Brendan P. APPLICANT: Falkow, Stanley
                                                                       TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
 TELEFAX: (41., 77299 cFO ID
                                                                                     NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,
REFERENCE/DOCKET NUMBER:
                                  TELEPHONE: (415)
TELEFAX: (415) 39
                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                     CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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94111-4187
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                                  398-3249
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                                                                                                    38,304
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Pred. No.
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hes 0;
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RESULT 536
US-08-832-021-7/c
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                                                                                                                                      FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/08832021 Patent No. 6045998
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Best Local Similarity
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              Query Match
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Best Local Similarity
                                                                                                                                                                                                                                APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardino, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                             FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                            LENGTH: 14
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mes 13; Conserv
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Pred. No.
Score 13;
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3e+02;
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 DB 1;
3e+02;
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US-08-724-466B-16/c
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APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stean, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 16, Application US/08724466B Patent No. 6063606
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REGISTEATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
                                                                                         APPLICATION NUMBER: 08/6 FILING DATE: June 21, 19 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                   CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Petkovich, P. Martin, White, Jay A., APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein
                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                      COMPUTER: COMPAQ, IBM PC compatible OPERATING SYSTEM: MS-DOS 5.1 SOFTWARE: WORD PERFECT
                                                                                                                                                                                                                                                                                                                                                CITY:
                                                                                                                                                               APPLICATION NUMBER: US/08/724,466B
FILING DATE: October 1, 1996
                                                                                                                                                                                                                                                                                                                 ZIP: M5L 1A9
COUNTRY: Canada
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13; Conservative 0;
                                                                          Hunt,
                                                                                                                                                                                                                                                                                                                                                     Toronto
                                                                                                                                                                                                                                                                                                                                                                 E: Blake, Cassels
Box 25, Commerce
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Petkovich, P. Martin, White, Jay A., Beckett, Barbara R., Jones, Glenville
                                                                          John C.
                                                                                                                                                                                                                                                                                                                                                                      Cassels & Graydon
ommerce Court West
                                                                                                                             08/667,546
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; Pred. No. 3e+
0; Mismatches
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US-08-724-466B-18/c
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                 Sequence 19, Application US/08724466B Patent No. 6063606 GENERAL INFORMATION:
                                                                                                                                                                                                                      Best Local Similarity Matches 13; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: COMPAQ, IBM PC compatible OPERATING SYSTEM: MS-DOS 5.1

SOFTWARE: WORD PERFECT

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,466B
FILING DATE: October 1, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 18, Application US/08724466B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (416) 863-2653
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: Canada
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Blake, Cassels & Graydon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Petkovich, P. Martin, White, Jay A., APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein
                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                     14 base pairs
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                                                                                                                                                                                                                        Conservative
 Petkovich,
                                                                                                                                                                                                                                                                                                                                single
                                                                                                                                                                                                                                     0.9%; Score 13;
100.0%; Pred. No.
P. Martin, White, Jay A.,
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/724,466B
FILING DATE: October 1, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION US/08/893,764
FILING DATE: (Herewith)
CLASSIFICATION: 515
CLASSIFICATION: 515
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LENGTH: 14 base pairs
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MEDIUM TYPE: Diskette,
COMPUTER: COMPAQ, IBM I
OPERATING SYSTEM: MS-DO
                                                                                                                                                                                                                                                                                                                           APPLICANT: Ostermann, Elinborg
TITLE OF INVENTION: Tumor Growth Inhibition- and Apoptosis-Associated
TITLE OF INVENTION: Genes and Methods of Use Thereof
NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: WORD PERFECT CURRENT APPLICATION DATA:
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ZIP: M5L 1A9
ZIPY (Canada
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                           COUNTRY: U.S.A. ZIP: 20005-3934
                                                                                                                                                                                                                               STATE: D.C.
                                                                                                                                                                                                                                           STREET: 1100 New CITY: Washington
                                                                                                                                                                                                                                                                   ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C
STREET: 1100 New York Avenue, N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
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Prokhorchouk,
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Commerce Court West
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MS-DOS 5.1
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3e+02;
hes 0; Indels
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Query Match
Best Local Similarity
""-" Ches 13; Conserva
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US-08-991-789A-130/c
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US-08-893-764-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 130, Application US/089917.
Patent No. 6225054
GENERAL INFORMATION:
APPLICANT: Frudakis, Tony N.
                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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TELEPAX: (202) 371-2540
INFORMATION FOR EEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
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0.9%; Score 13; DB
Local Similarity 100.0%; Pred. No. 3e
hes 13; Conservative 0; Mismatches
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STRANDEDNESS: single
TOPOLOGY: linear
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                         NAME: Potter, Jane E. R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 210121.419C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (26) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/991,789A
FILING DATE: 11-Dec-1997
CLASSIFICATION: <UNKnown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Smith, John M.

Reed, Steven G.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE

TREATMENT AND DIAGNOSIS OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 292 CORRESPONDENCE ADDRESS:
1519 TAAAAAAAAAAA 1531
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Seed IP Law Group
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Esmond, Robert W.
                                                                                                                                                                                                                                                                                             TELEFAX: (206)
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                                                          Conservative
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                                                        0.9%; Score 13; DB 1; Length 14; 100.0%; Pred. No. 3e+02; ative 0; Mismatches 0; Indels
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3e+02;
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US-08-882-164D-16/c
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                                                                                                                                                                                                                                                                                                               RESULT 544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-882-164D-16
                                                                                                                                                                                                                                                     Sequence 18, Application US/08882164D Patent No. 6306624
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Best Local :
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                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Petkovich, P. Martin, White, Jay A.,
APPLICANT: Beckett, Barbara R., Jones, Glenville
TITLE OF INVENTION: Retinoid Metabolizing Protein
NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: OCTOBER 1, 1996
ATTORNEY/AGENT IMFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/
FILING DATE: June 25, 1997
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage
COMPUTER: COMPAQ, LEM PC compatible
OPERATING SYSTEM: MS-DOS 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Petkovich, P. Martin, White, Jay A., APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Blake, Cassels & Graydon STREET: Box 25, Commerce Court West
                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Blake, Cassels
STREET: Box 25, Commerce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: WORD PERFECT CURRENT APPLICATION DATA:
    COMPUTER READABLE FORM:
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CITY: Toronto
STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00010
                                                      CITY: Toronto
STATE: Ontario
                      COUNTRY: Canada
ZIP: M5L 1A9
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Similarity 100.0%; F
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Y: Canada
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                                                                                              Cassels & Graydon ommerce Court West
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Gaps

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US-08-882-164D-19/c
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Best Local S
                            APPLICATION NUMBER: US/08/882,164D
FILING DATE: June 25, 1997
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/667,546
FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: October 1, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00010
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,16
FILING DATE: June 25, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: October 1, 1996
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INFORMATION FOR SEQ ID NO:
TELEFAX: (416) 863-2653 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 inch, 1
COMPUTER: COMPAQ, IEM PC compatible
OPERATING SYSTEM: WS-DOS 5.1
SOFTWARE: WORD PERFECT
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Petkovich, P. Martin, White, Jay A., APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein
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LENGTH: 14 base pairs
TYPE: nucleic acid
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NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00010
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: Box 25,
CITY: Toronto
STATE: Ontario
          TELEPHONE: (416)
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SOFTWARE: WORD PI
                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: Canada
ZIP: M5L 1A9
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STREET: Box 25, Commerce
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100.0%; Pred. No.
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RESULT 547
US-09-598-326-130/c
Sequence 130, Application US/09598326
FORTH NO. 6423496
GENERAL INFORMATION:
APPLICANT: Frudakis, Tony N.
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INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAST CANCER NUMBER OF SEQUENCES: 297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Frudakis, Tony
APPLICANT: Smith, John M.
APPLICANT: Reed, Steven G
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: sing
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STATE: Washing
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6300 Columbia Center,
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100.0%; Pred. No.
tive 0; Mismatc
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tive 0;
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100.0%; Pred. No.
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APPLICANT: Reed, Steven G.
APPLICANT: Lodes, Michael J.
APPLICANT: Lodes, Michael J.
APPLICANT: Mohamath, Roadch
APPLICANT: Mohamath, Roadch
I APPLICANT: Mohamath, Roadch
I APPLICANT: Mohamath, Roadch
I TITLE OF INVENTION: COMPOUNDS FOR THERAPY AND DIAGNOSIS OF
TITLE OF INVENTION: LUNG CANCER AND METHODS FOR THEIR USE
TITLE OF INVENTION: LUNG CANCER AND METHODS FOR THEIR USE
TITLE REFERENCE: 210121.475C1
CURRENT APPLICATION NUMBER: US/09/370,838
CURRENT APPLICATION NUMBER: US 09/285,323
EARLIER APPLICATION NUMBER: US 09/285,323
EARLIER FILING DATE: 1999-04-02
NUMBER OF SEQ ID NOS: 289
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO: US-09-598-326-130
                                                                                                          ; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-370-838-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-370-838-47/c
Query Match
Best Local Similarity
"hohes 13; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 47, Application US/09370838 Patent No. 6444425
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APPLICATION NUMBER: US/09/598,326
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MEDIUM TYPE: Floppy diek
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: POTTER, Jane E.R.
REGISTRATION NUMBER: 33,332
REFERENCE, DOCKET NUMBER: 210
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Seed Intellectual Property Law Group PLLC STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 20-Jun-2000 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (206) 622-4900 TELEFAX: (206) 682-6031
                    0.9%; Score 13; DB ilarity 100.0%; Pred. No. 3e-Conservative 0; Mismatches
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100.0%; Pred. No. 3e+02;
o. Mismatches 0;
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                  DB 1; Length 14;
3e+02;
hes 0; Indels
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                    0;
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; OTHER INFORMATION: primer sequence
; NAME/KEY: unsure
; LOCATION: (13)
; OTHER INFORMATION: any nucleotide can be used
US-09-151-771B-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 550
US-09-289-198-130/c
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US-09-151-771B-19/c
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                       ; OTHER INFORMATION: Primer US-09-289-198-130
                                                                                                                            NUMBER OF SEQ ID NOS: 312
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 130
LENGTH: 14
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CURRENT FILING DATE: 1998-09-11
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver: 2.1
SEQ ID NO 19
LENGTH: 14
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Patent No. 6586204
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                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/289,198
CURRENT FILING DATE: 1999-04-09
CURRENT FILING DATE: 1999-04-07
EARLIER APPLICATION NUMBER: US 09/062,451
EARLIER FILING DATE: 1998-04-17
EARLIER APPLICATION NUMBER: US 08/991,789
EARLIER FILING DATE: 1997-12-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Frudakis, APPLICANT: Smith, Joh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lehar, et al., Sophie M.
TITLE OF INVENTION: APOPTOSIS GENE E124, COMPOSITIONS, AND METHODS OF USE
FILE REFERENCE: 104322.170DIV
                                                                                                                                                                                                                      EARLIER APPLICATION NUMBER: US 08/700,014
EARLIER FILING DATE: 1996-08-20
EARLIER APPLICATION NUMBER: US 08/585,392
EARLIER FILING DATE: 1996-01-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAS: FILE REFERENCE: 210121.419C5
                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: US 08/838,762
EARLIER FILING DATE: 1997-04-09
EARLIER APPLICATION NUMBER: PCT/US97/00485
EARLIER FILING DATE: 1997-01-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Reed, Steven G.
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                                                                ORGANISM: Artificial Sequence FEATURE:
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                                                                                                              TYPE: DNA
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Pred. No.
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TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS (
FILE REFERENCE: 210121.419C6
CURRENT APPLICATION NUMBER: US/09/429,755A
CURRENT FILING DATE: 199-10-28
NUMBER OF SEQ ID NOS: 315
SOFTWARE: FASUSEQ for Windows Version 3.0
SEQ ID NO 130
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-429-755-130
                                                                                                                                                                                                                                             GENERAL INFORMATION:

APPLICANT: SALMAN AL-MAHMOOD

TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INV

TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF

TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES

FILE REFERENCE: 1071-02

CURRENT APPLICATION NUMBER: US/10/103,614A

CURRENT FILING DATE: 2002-08-22

PRIOR APPLICATION NUMBER: PC/FR00/02607

PRIOR FILING DATE: 2000-09-20

PRIOR FILING DATE: 2000-09-20

PRIOR APPLICATION NUMBER: FR 99/11790

PRIOR APPLICATION NUMBER: FR 99/11790

PRIOR FILING DATE: 1999-09-21

NUMBER OF SCT. TO NOS. 5
                                                               ; OTHER INFORMATION: Description of Artificial Sequence: Primer US-10-103-614A-2
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US-09-429-755-130/c
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 14
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Best Local Similarity 100.0%;
Matches 13; Conservative (
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Best Local Similarity
Matches 13; Conserv
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
Best Local Similarity
                        Query Match
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                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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Retter, Marc W.
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Reed, Steven G.
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  100.0%;
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L00.0%; Pred. No. 3e+02;
0.9%; Score 13;
L00.0%; Pred. No.
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  DB 1;
3e+02;
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1519 TAAAAAAAAAAA 1531

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GENERAL INFORMATION:

APPLICANT: Georgiev, Georgii

APPLICANT: Kiselev, Sergei

APPLICANT: Prokhorchouk, Egor

APPLICANT: Ostermann, Elinborg

TITLE OF INVENTION: Tumor Growth Inhibition- and Apoptosis-Associated Gene

TITLE OF INVENTION: and Polypeptides and Methods of Use Thereof

FILE REFERENCE: 0652.1630001

CURRENT APPLICATION NUMBER: US/09/462,625

CURRENT FILING DATE: 200-07-28

PRIOR APPLICATION NUMBER: US 08/893,764

PRIOR FILING DATE: 1997-07-11

PRIOR APPLICATION NUMBER: US 08/893,764

PRIOR FILING DATE: 1998-07-10

NUMBER OF SEQ ID NOS: 24

COUNTAINE: DESCRIPTIONS: 24
                                                                                                                  APPLICANT: Lodes, Michael J.
APPLICANT: Wohamath, Raodoh
APPLICANT: Henderson, Robert A.
APPLICANT: Henderson, Robert A.
APPLICANT: Benson, Darin R.
APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF INFILE REFERENCE: 210121.475C10
CURRENT APPLICATION NUMBER: US/09/854,133
CCURRENT FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 735
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 47
LENGTH: 14
TYPE: DNA
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                                                                                  ; ORGANISM: Homo sapien US-09-854-133-47
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Query Match
Best Local S
Matches 13
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Best Local
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TYPE: DNA
ORGANISM: Artificial Sequence
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                     Similarity
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0.9%; Score 13; DB llarity 100.0%; Pred. No. 3e Conservative 0; Mismatches
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100.0%; Pred. No.
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3e+02;
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3e+02;
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                                      Length 14;
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RESULT 557
US-08-832-021-31/c
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US-08-832-021-30/c
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; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-30
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US-08-832-021-29/c
                                                                                                                                                                Query Match
Best Local Similarity 100.0%; F
Matches 13; Conservative 0;
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT FAPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
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FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 29
LENGTH: 15
TYPE: DNA
Sequence 31, Application US/08832021
Patent No. 6045998
                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 30
LENGTH: 15
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Patent No. 6045998
GENERAL INFORMATION:
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Patent No. 6045998
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                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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100.0%; Pred. No. 3.2e+02;
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100.0%; Pred. No. 3.2
ive 0; Mismatches
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thes 0;
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US-08-832-021-41/c
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Best Local S
Matches 13
                APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
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Best Local S
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   OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
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13; Conserv
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CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 41
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-41
Sequence 42, Application US/08832021 Patent No. 6045998 GENERAL INFORMATION:
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CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 31
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APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardino, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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100.0%; Pr
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Pred. No.
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Sequence 43, Application US/08832021

Patent No. 6045998

GENERAL INFORMATION:

APPLICANT: Combates, N.

APPLICANT: Pardinas, J.

APPLICANT: Pardinas, J.

APPLICANT: Stenn, K.

APPLICANT: Stenn, K.

TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOPTWARE: Patentin Ver. 2.0

SEQ ID NO 43

LENGTH: 15
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CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 42
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                         US-08-832-021-53/c
Sequence 53, Application US/08832021
Patent No. 604598
GENERAL INFORMATION:
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 53
LENGTH: 15
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Best Local
                                                APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEG ID NOS: 64
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Best Local Similarity
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OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 100.0%; Pred. No. 3.2e+02;
Les 13; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 3.2e+02
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-53
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                                                                                              CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 55
LENGTH: 15
TYPE: DNA
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Best Local Similarity
Matches 13; Conserva
                                                                                                                                                                                                                                                                                                                                                Sequence 55, Application US/08832021 Patent No. 6045998
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Best Local (
 Query Match
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                                                                                                                                                                                                                APPLICANT: Combates, N.
APPLICANT: Parimoo, S.
APPLICANT: Parimoo, S.
APPLICANT: Brouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
PILE REFERENCE: JBP-382
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APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
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SEQ ID NO 54
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
                                              ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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Pred. No.
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Pred. No.
 Score 13;
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                                                Artificial Sequence: primer
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Length 15;
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Sequence 164, Application US/09475947A

Patent No. 6472154

GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Winna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667

CURRENT APPLICATION NUMBER: US/09/475,947A

CURRENT FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 346

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 164

LENGTH: 15
RESULT 566
US-09-050-159-45/c
; Sequence 45, Application US/09050159A
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                                                                                                                                                                                                                                              ; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-491-356C-19
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; ORGANISM: human
US-09-475-947A-164
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US-09-475-947A-164
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                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 15
                                                                                                                                                                    Query Match 0.9%;
Best Local Similarity 100.0%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 656061
GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginne, Edward I.
APPLICANT: Delisi, Lynn
APPLICANT: Delisi, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 100.0%; Finanches 13; Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 9465.6USI1
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
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                                                                                                                                                                                          Score 13;
; Pred. No.
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                                                                                                                                                                    3.2e+02;
0;
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US-09-050-159-51/c
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                                                                                                                                     RESULT 568
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US-09-050-159-51
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                                                        Sequence 63, Application US/09300958A Patent No. 6495319
GENERAL INFORMATION:
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GENERAL INFORMATION:
   APPLICANT:
APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 1998-03-27
EARLIER APPLICATION NUMBER: 60/042,930
EARLIER FILING DATE: 1987-04-03
NUMBER OF SEQ ID NOS: 133
SOFTWARE: Patentin Ver: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No.
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CURRENT APPLICATION NUMBER: US/09/050,159A
CURRENT FILING DATE: 1998-03-27
EARLIER APPLICATION NUMBER: 60/042,930
EARLIER FILING DATE: 1987-04-03
NUMBER OF SEQ ID NOS: 133
SOFTWARE: Patentin Ver. 2.1
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APPLICANT: Linstrom, Per H
TITLE OF INVENTION: COMPOSITIONS FOR ASSESSING CARDIOVASCULAR STATUS AND
TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF FILE REFERENCE: 1248/1D042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Andersson, Maria K
APPLICANT: Linstrom, Per H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: No. 6197505berg, Leif T
APPLICANT: Andersson, Maria K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: No. 6197505berg, Leif T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 17
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6197505
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 Welsh, John
Trenkle, Thomas
                                      McClelland, Michael
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100.0%; Pred. No. 3.7e+
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Pred. No. 3.7e+02
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-314
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CURRENT FILING DATE: 199-04-27
PRIOR APPLICATION NUMBER: 60/083,331
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/098,070
PRIOR APPLICATION NUMBER: 60/098,070
PRIOR APPLICATION NUMBER: 60/108,624
PRIOR FILING DATE: 1998-08-27
PRIOR PILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 85
CONTENDE: BELLING DATE: 1999-02-04
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LENGTH: 17
TYPE: DNA
                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 314, Application US/09474432B Patent No. 6528640
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Best Local Similarity
                                                                                         Matches
                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                         APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
FRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR FILING DATE: 1997-11-05
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1998-11-04
PRIOR FILING DATE: 1999-04-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of TITLE OF INVENTION: Using Same
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                                         469 GGGGCGCGGCT 481
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                                                                                     1 Similarity
13; Conserv
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                                                                                     Conservative
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0; Mismatches
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                                                                                                            Score 13; pred. No.
                                                                                       Mismatches
                                                                              DB 1; ...
o. 3.7e+02;
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RESULT 570

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TITLE OF INVENTION: Methods and Products Related to
TITLE OF INVENTION: Genotyping and DNA Analysis
FILE REFERENCE: M0656/7045(HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/404,912
CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 122
LENGTH: 17
Type: DNA
COGANISM: Homo Sapiens
US-09-404-912-122
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US-09-404-912-122
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                                         Matches
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                                                                                Query Match
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TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER: 05-50,1008: 1524
NUMBER: 05-50,1008: 1524
NUMBER: 05-50,1008: 1524
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APPLICANT:
APPLICANT:
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APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
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APPLICANT: Beigelman, Leo
                                                             Match 0.9%;
Local Similarity 100.0%;
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  994 TGTTCTGTGGAGA 1006
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5. 6617438
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                                         13; Conservative
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Similarity 100.0%; P
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Beaudry, Amber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sweedler, Dave
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Adamic, Jasenka Matulic
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                                         0;
                                                               Score 13;
; Pred. No.
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                                         Mismatches
                                                               3.7e+02;
                                                                                DB 1;
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APPLICATION NUMBER: US/08/363,585

FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228

FILING DATE: 31-OCT-1991

ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232

TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 101, Application US/08363585 Patent No. 5683872
                                                                       Matches
                                                                                                         Query Match
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SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
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                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                               PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: TELEFAX: 277871
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: University of Pittsburgh STREET: Office of Intellectual Property STREET: 911 William Pitt Union CITY: Pittsburgh
                                                                                                                                                      PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                           AUTHORS: Kimura, A.
AUTHORS: Sasazuki, T.
                                                                                                                                                                                                                                                                                                             AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                 ззл деседестестес з49
                                                                     l Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pennsylvania
                                                                                                                                                                                                                                   Technique
: HLA 1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             412/288-3063
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                                                                       Conservative
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As The Bound Ligands For Use In Reverse
Dot Blots
                                                                   0.9%; Score 13; DB
100.0%; Pred. No. 3.9
Live 0; Mismatches
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                                                                                                         DB 1;
                                                                                        3.9e+02;
                                                                                                       Length 18;
                                                                       Indels
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RESULT 573

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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Haile Ph.D, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 0726
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
LENGTH: 18 base pairs
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MOLECULE TYPE:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                              APPLICANT: Welsh, John T.
APPLICANT: SOZGE, JOSEBH A.
TITLE OF INVENTION: ARBITRARILY PRIMED
TITLE OF INVENTION: POLYMERASE CHAIN
TITLE OF INVENTION: REACTION METHOD FOR FINGER PRINTING
TITLE OF INVENTION: GENOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
                                                                                                                                                             NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: METHOD OF DETECTION OF NEOPLASTIC
TITLE OF INVENTION: CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/497,535
FILING DATE: 30-JUN-1995
CLASSIFICATION: 435
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0.
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                                                                        COUNTRY:
                                                                                                                                              ADDRESSEE:
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USA
                                                                                                       San Francisco
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                                                                                                                                                                                                                                                                                                                                                             Application US/08154364
                                                                                                                          2: Limbach and Limbach
2001 Ferry Building
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                                                                                                                                                                                                                                                                    McCelland, Michael
Welsh, John T.
Sorge, Joseph A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PatentIn Release #1.0, Version #1.30
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100.0%; Pred. No. 3.9e+02
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OPERATING SYSTEM:

PC-DOS/MS-DOS

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APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGAWA, TAKAHIRO
APPLICANT: KOMAGAWA, TOTOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAWA, OSAMU
ITILE OF INVENTION: MCTHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATITILE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATITILE OF INVENTION: NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NU
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US-09-725-265-43/c
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                                                                                                                                   Query Match 0.9%; Score 13; DB 1; L
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 0;
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INFORMATION FOR SEQ IT NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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HYPOTHETICAL: N
ANTI-SENSE: NO
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-433-4150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, SOFTWARE: Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/154,36 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.9%; Score 13; DB 1; Length 18; Local Similarity 100.0%; Pred. No. 3.9e+02; nes 13; Conservative o. Minner.
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REGISTRATION NUMBER: 34,298
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STRANDEDNESS: sing
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                                                                 1520 AAAAAAAAAAAAA 1532
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                                                                                                                                                                                                    Length 18;
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                                                                                                                                   Gaps
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; OTHER INFORMATION: SYNTHETIC DNA US-09-556-127-43
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APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLITITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATIFITE OF INVENTION: THE METHOD
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT FILING DATE: 2002-06-127
CURRENT FILING DATE: 2002-06-17
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 43
SECTION 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6699661
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.9%; Score 13; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 13; Conservative 0; Mismatches 0; Indels
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APPLICANT:
                                  TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
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APPLICANT: KANAGA
APPLICANT: KAMAGA
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TYPE: DAA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
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KAMAGATA, YOICHI
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APPLICANT: YOKOMAKU, TOYOKAZU

APPLICANT: YOKOMAKU, TOYOKAZU

TITLE OF INVENTION: WICLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT

TITLE OF INVENTION: THE METHOD

FILE REFERENCE: 0163-0758-0X

CURRENT APPLICATION NUMBER: US/09/556,127

CURRENT FILING DATE: 2002-06-17

PRIOR APPLICATION NUMBER: US/09/556,127

PRIOR APPLICATION NUMBER: US/09/556,127

PRIOR FILING DATE: 1999-04-20

NUMBER OF SEO ID NOS: 70

SOFTWARE: Patentin version 3.1

SEO ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PCT-US96-06666-19
                                                                                                                                                                                                                                                                                                                                                                Sequence 19, Application PC/TUS9606666
GENERAL INFORMATION:
APPLICANT: The Johns Hopkins University School of Medicine TITLE OF INVENTION: METHOD OF DETECTION OF NEOPLASTIC TITLE OF INVENTION: CELLS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.9%; Score 13; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 13; Conservative 0; Mismatches 0; Indels
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APPLICANT: KANAGAWA, TAKAHII
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TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
              COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: PCT/US96/06666
FILING DATE: 10-WAY-1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                  STATE: CA
                                                                                                                                                                                                                                               STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                 ZIP: 92037
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KAMAGATA, YOICHI
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                                                                                                                                                                                                                                                                        NAME: Haile Ph.D, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEPAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
TOPOLOGY: linear
                                                                                                                                                            Query Match 0.9%; Sometime 0.0%; Sest Local Similarity 100.0%; Matches 13; Conservative 0;
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US-09-864-426A-1541
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Sequence 2509, Ap Sequence 2048, Ap Sequence 209, Ap Sequence 23, Appli Sequence 132, Appli Sequence 437, Appli Sequence 401, Appli Sequence 511, Appli Sequence 511, Appli Sequence 519, Appli Sequence 519, Appli Sequence 519, Appli Sequence 519, Appli Sequence 2676, Appli Sequence 2676, Appli Sequence 181, Appli Sequence 734, Appli Sequence 735, Appli Sequence 736, Appli Sequence 1074, App													Sequence 525, App Sequence 526, App			equence	0 19	nce	equence	quence	nce	quence :
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RESULT 1 US-10-17: Sequent Sequent Public GENERA APPLIC APPLIC TITLE CURRE: CURRE: CURRE: NUMBE: NUMBE: SEQ ID FEAT SEQ ID FEAT OTHE: OTHE: US-10-17: Query I Best L Matcher Oy  Db		658 13.	655 13. 656 13.	653 1 654 1	650 13. 651 13.	13 IS	13.1	644 13.	642 13.	640 13.	638 13.	636 13.	634 13.	632 13. 633 13.	630 13.	629 13.	. L	625 13. 626 13.	624 13.	c 622 13.	c 620 13. c 621 13.	c 618 13.
RESULT 1  US-10-173-817-13/c  Sequence 13, Applicat  Publication No. US200  GENERAL INFORMATION.  APPLICANT: Kenneth P  APPLICANT: SUBAN M.  TITLE OF INVENTION.  FILE REFERENCE: RTS-  CURRENT APPLICATION  CURRENT PILING DATE.  NUMBER OF SEQ ID NO.  SEQ ID NO. 13  LENGTH: 20  TYPE: DNA  ORGANISM: Artificial  PEATURE:  OTHER INFORMATION:  US-10-173-817-13  Query Match  Best Local Similarity  Matches 20; Consel  OY  1619 GGATAGCAC  ON GGATAGCAC  OSCILLATION  OGGATAGCAC  OGGATAGCAC  OGGATAGCAC  OGGATAGCAC		658 13.8 1.	655 13.8 1.	653 13. 654 13.	650 13.8 1. 651 13.8 1.	13.8 1.	13.8	644 13.8 1.645 13.8 1.	642 13.8 1.	640 13.8 1.	638 13.8 1.	636 13.8 1.	634 13.8 1. 635 13.8 1.	632 13.8 1. 633 13.8 1.	630 13.8 1. 631 13.8 1.	629 13.8 1.	13.8 1.	625 13.8 1. 626 13.8 1.	624 13.8 1.	C 622 13.8 1. C 623 13.8 1.	c 620 13.8 1. c 621 13.8 1.	c 618 13.8 1.
RESULT 1  US-10-173-817-13/c  Sequence 13, Applicat  Publication No. US200  GENERAL INFORMATION.  APPLICANT: Kenneth P  APPLICANT: SUBAN M.  TITLE OF INVENTION.  FILE REFERENCE: RTS-  CURRENT APPLICATION  CURRENT PILING DATE.  NUMBER OF SEQ ID NO.  SEQ ID NO. 13  LENGTH: 20  TYPE: DNA  ORGANISM: Artificial  PEATURE:  OTHER INFORMATION:  US-10-173-817-13  Query Match  Best Local Similarity  Matches 20; Consel  OY  1619 GGATAGCAC  ON GGATAGCAC  OSCILLATION  OGGATAGCAC  OGGATAGCAC  OGGATAGCAC  OGGATAGCAC		658 13.8 1.0 19 1	655 13.8 1.0 19 1 656 13.8 1.0 19 1	653 13.8 1.0 19 1 654 13.8 1.0 19 1	650 13.8 1.0 19 1 651 13.8 1.0 19 1	13.8 1.0 19 1 13.8 1.0 19 1	13.8 1.0 18 1 13.8 1.0 18 1	644 13.8 1.0 18 1 645 13.8 1.0 18 1	642 13.8 1.0 18 1	640 13.8 1.0 18 1	638 13.8 1.0 17 1	636 13.8 1.0 17 1 637 13.8 1.0 17 1	634 13.8 1.0 17 1 635 13.8 1.0 17 1	632 13.8 1.0 17 1 633 13.8 1.0 17 1	630 13.8 1.0 17 1 631 13.8 1.0 17 1	629 13.8 1.0 17 1	13.8 1.0 17 1 13.8 1.0 17 1	625 13.8 1.0 17 1 626 13.8 1.0 17 1	624 13.8 1.0 17 1	C 622 13.8 1.0 17 1 C 623 13.8 1.0 17 1	C 620 13.8 1.0 17 1 C 621 13.8 1.0 17 1	c 618 13.8 1.0 17 1 619 13.8 1.0 17 1
RESULT 1 US-10-17-17 Sequent Sequent Publice GENERAL APPLICE APPLICE CURREE CURREE CURREE NUMBEE SEQ ID SEQ ID SEQ ID ORGAN OR		658 13.8 1.0 19 1	655 13.8 1.0 19 1 656 13.8 1.0 19 1	653 13.8 1.0 19 1 654 13.8 1.0 19 1	650 13.8 1.0 19 1 651 13.8 1.0 19 1	13.8 1.0 19 1 13.8 1.0 19 1	13.8 1.0 18 1 13.8 1.0 18 1	644 13.8 1.0 18 1 645 13.8 1.0 18 1	642 13.8 1.0 18 1	640 13.8 1.0 18 1	638 13.8 1.0 17 1	636 13.8 1.0 17 1 637 13.8 1.0 17 1	634 13.8 1.0 17 1 635 13.8 1.0 17 1	632 13.8 1.0 17 1 633 13.8 1.0 17 1	630 13.8 1.0 17 1 631 13.8 1.0 17 1	629 13.8 1.0 17 1	13.8 1.0 17 1 13.8 1.0 17 1	625 13.8 1.0 17 1 626 13.8 1.0 17 1	624 13.8 1.0 17 1	C 622 13.8 1.0 17 1 C 623 13.8 1.0 17 1	C 620 13.8 1.0 17 1 C 621 13.8 1.0 17 1	C 618 13.8 1.0 17 619 13.8 1.0 17

RESULT 2 US-10-173-817-24/c

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FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
OFFINITE: DNA
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-817-25
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Publication No. US20030232438A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 24
LENGTH: 20
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 26
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
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100.0%; Pred. No.
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US-10-173-817-46/c
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CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 27
LENGTH: 20
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Matches
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Best Local
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Publication No. US20030232438A1
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
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APPLICANT: Susan M. Freier
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                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 131
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ORGANISM: Artificial Sequence
FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
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                              1023 GAGATTGACGCAGAGTGGGC 1042
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100.0%; Pred. No. 15;
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APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
ITILE OF INVENTION: ANTISENSE MODULATION OF KO)
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 95
LENGTH: 20
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LENGTH: 20
TYPE: DNA
                GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: SUBAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 96
LENGTH: 20
TYPE: DNA
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Best Local :
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
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ORGANISM: H. sapiens
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ORGANISM: H. sapiens
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100.0%; Pred. No.
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                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide US-10-643-432-13
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US-10-643-432-13/c
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US-10-173-817-110
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US-10-173-817-110
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                                                                                                                                                                                                           APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                          Sequence 13, Application US/10643432 Publication No. US20040087536A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 20; Conserv
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Best Local (
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                                                                                       Query Match
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APPLICANT: Suban M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
FILE REFERENCE: RTS-0359
CURRENT FILLING DATE: 2002-06-17
CURRENT FILLING DATE: 2002-06-17
RUMBER OF SEQ ID NOS: 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                   ORGANISM: Artificial Sequence
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                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                   ENGTH:
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                                                                           local Similarity 100.0%;
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                              1619 GGATAGCACAAATCCTCCCT 1638
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5. US20030232438A1
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                                                           Conservative
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100.0%; Pred. No.
ative 0; Mismatch
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                                                                          Score 20; DB 1; Length 20; Pred. No. 15;
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RESULT 12 US-10-643-432-24/c

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US-10-643-432-26/c
Sequence 26, Application US/10643432
Publication No. US20040087536A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 25, Application US/10643432
Publication No. US20040087536A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
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CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0359
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; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-10-643-432-46
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APPLICANT: Kenneth W. Dobie
APPLICANT: SUSAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0359
                                                                                                                                                       APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR APPLICATION NUMBER: US/10/173,817
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 131
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20040087536A1
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LENGTH: 20
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                  Query Match
Best Local Similarity
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CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
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                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                          ENGTH: 20
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Similarity 100.0%; Pred. No. 15;
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 Score 20;
Pred. No.
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15;
 DB 1;
15;
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                    Length 20;
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CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
RESULT 19
US-10-643-432-96
US-10-643-432-96
; Sequence 96, Application US/10643432
; Publication No. US20040087536A1
; GENERAL INFORMATION:
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Sequence 95, Application US/10643432
Publication No. US20040087536A1
GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 95
LENGTH: 20
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Best Local Similarity
Matches 20; Conserv
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Best Local Similarity
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kenneth W. Dobie APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
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ilarity 100.0%;
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100.0%; Pred. No. 15;
ive 0; Mismatches
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LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-44586

Sequence Listing Generator V 1.1

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Sequence 44586, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF EGO ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing G.
SEQ ID NO 44586
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US-10-643-432-110
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LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
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LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
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Best Local Similarity
Matches 20; Conserv
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
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CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
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100.0%; Pred. No.
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100.0%; Pred. No.
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; FEATURE:
; OTHER INFORMATION:
US-10-688-706-1906

; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-85096

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US-10-098-263B-85096
RESULT 24
US-10-688-706-2451/c
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APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,266
PRIOR APPLICATION NUMBER: 60/419,266
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: Patentin version 3.2
SEQ ID NO 1906
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Publication No. US20040102412A1
GENERAL INFORMATION:
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ.ID NO 85096
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Matches 20; Conserv
                                                                                                                                                    Query Match
Best Local Similarity
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Best Local
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Best Local
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TYPE: DNA
ORGANISM: artificial
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Local Similarity 83.3%;
1es 20; Conservation
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larity 83.3%;
Conservative
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90.0%;
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                                                                                                                                                    Score 16.8;
Pred. No. 8
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Pred. No. 74;
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Pred. No. 74;
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APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

ITITE OF INVENTION. ANTISENSE MODULATION OF GFAT EXPRESSION

FILE REFERENCE: 01393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 2451

LENGTH: 20
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US-10-247-159-100/c
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-305-856B-100
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GENERAL INFORMATION:
APPLICANT: Penny, Laura
APPLICANT: Galvin, Margaret
TITLE OF INVENTION: Genotyping the Human
TITLE OF INVENTION: UDP-Glucuronosyltransferase 1
FILE REFERENCE: 4389-7 (formerly SEQ-17CIP)
CURRENT APPLICATION NUMBER: US/10/247,159
CURRENT FILING DATE: 2002-09-18
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Matches
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Patent No. US20020061518A1
GENERAL INFORMATION:
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APPLICANT: Galvin, Margaret
TITLE OF INVENTION: Genotyping the Human
TITLE OF INVENTION: UDP-Glucuronosyltransferase 1 (UGT1) Gene
FILE REFERENCE: 4389-7 (formerly SEQ-17CIP)
CURRENT APPLICATION NUMBER: US/09/305,856B
CURRENT FILING DATE: 1999-05-05
PRIOR APPLICATION NUMBER: 60/084,807
PRIOR FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 124
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Local Similarity 90.0%;
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                                                                    (UGT1) Gene
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; PRIOR APPLICATION NUMBER: 09/305,856
; PRIOR FILING DATE: 1999-05-05
; PRIOR APPLICATION UMBER: 60/084,807
; PRIOR FILING DATE: 1998-05-07
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 100
; SEQ ID NO 100
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-247-159-100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 1541
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                              RESULT 28
US-09-864-426A-1541
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                                                                                                                                                                                                                                                                                 Sequence 1541, Application US/09864426A Publication No. US20040018489A1 GENERAL INFORMATION:
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                                      SOPTWARE: PatentIn version 3.0 SEQ ID NO 1541 LENGTH: 23
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Best Local
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                                                                                             APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
RUMBER OF SEQ ID NOS: 2640
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APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
                     TYPE: DNA
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Pred. No. 90;
0; Mismatches
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US-09-864-636A-1544

Sequence 1544, Application US/09864636A Publication No. US20030104378A1 GENERAL INFORMATION:

APPLICANT: Third Wave Technologies APPLICANT: Allwai, Hatim APPLICANT: Bartholomay, Christian

Allwai, Hatim Bartholomay, Ch Chehak, LuAnne

APPLICANT:

RESULT 30

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APPLICANT: Vedvík, Kevin L.

TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CCURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIN version 3.1
SEQ ID NO 1541
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1541
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                                                                              Query Match
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APPLICANT:
APPLICANT:
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APPLICANT:
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al Similarity 90.0%;
18; Conservative
                     580 GGCGTAGGACCAATGGGGGC 599
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l Similarity 90.0%;
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GGCGTATGACCAATTGGGGC 21
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Olson-Munoz, Marilyn C.
Schaefer, James J.
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Hall, Jeff G.
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Curtis, Michelle L.
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Argue, Brad T
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Kwiatkowski, Jr.,
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                                                  Score 16.8; DB 1;
Pred. No. 1e+02;
0; Mismatches 2;
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Sequence 1544, Application US/09864426A

Publication No. US20040018489A1

GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
ITITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 1544
LENGTH: 24
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            APPLICANT: Kane, Michael D.
APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED TITLE OF INVENTION: (MRNAS) IN EUKARYOTIC ORGANISMS
FILE REFERENCE: 65446-87
CURRENT APPLICATION NUMBER: US/10/002,536A
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
LENGTH: 24
THE REPORT OF SECOND OF THE PATENT 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/10002536A Publication No. US20030108874A1 GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 1544
LENGTH: 24
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ORGANISM: Artificial Sequence
FEATURE:
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TYPE: DNA
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Local Similarity 90.0%;
hes 18; Conservative
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Pred. No. 1.
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Pred. No. 1.1e+02;
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                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/331,780
CURRENT FILING DATE: 2002-12-31
PRIOR APPLICATION NUMBER: US/08/473,010
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-25
PRIOR PELICATION NUMBER: US 07/833,607
PRIOR PELICHED DATE: 1992-02-19
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSEQ for Windows Version 3.0
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) OTHER INFORMATION: Synthetically derived DNA US-10-331-780-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/002,536A CURRENT FILING DATE: 2003-02-11 NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 24
                                                                                                                          SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6, Application US/10331780 Publication No. US20030162210A1
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APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED (
TITLE OF INVENTION: (MRNAB) IN EUKARYOTIC ORGANISMS
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kramer, Fred Russel TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING, TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS FILE REFERENCE: 07763-004002
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Chetverin, Alexander B. APPLICANT: Kramer, Fred Russel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 65446-87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                    ENGTH: 24
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Similarity 90.0%;
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Pred. No. 1
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Pred. No. 1
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APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
UNMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 1544
                                                                                               US-09-785-632A-86/c

US-09-785-632A-86/c

; Sequence 86, Application US/09785632A

; Patent No. US2002006.512A1

; GENERAL INFORMATION:
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; OTHER INFORMATION: Synthetic
US-10-084-839-1544
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US-10-084-839-1544
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Best Local Similarity
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Best Local Similarity
Matches 18; Conserv
                                                                  APPLICANT: Kim, Jin-Soo
APPLICANT: Kwon, Young
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APPLICANT: Kwon, Young Do
REPLICANT: Kim, Hyun-Won
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Hwang, Moon-Sun
FITLE OF INVENTION: ZINC FINGER DOMAINS AND METHODS OF
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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Olson, Sarah M.
Olson-Munoz, Marilyn C.
Schaefer, James J.
Skrzypczynski, Zbigniew
Takova, Tsetska Y.
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Argue, Brad T.
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Hall, Jeff G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Curtis, Michelle L.
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Pred. No. 1.
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Pred. No. 1.1e+02;
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                                                                                                                                                                                                                                                                                                 DB 1;
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APPLICANT: Hwang, Moon-Sun
TITLE OF INVENTION: ZINC FINGER DOMAIN LIBRARIES
FILE REFERENCE: 12279-005001
CURRENT APPLICATION NUMBER: US/10/223,765
CURRENT FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: 60/374,355
PRIOR FILING DATE: 2002-04-22
PRIOR FILING DATE: 2002-04-22
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 305
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 86
LENGTH: 23
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Sequence 6371, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chunakov, 11ya
APPLICANT: Chunakov, 11ya
APPLICANT: Chunakov, 11ya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
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CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 166
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 86
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20030165997A1
                                                                                                                                                                                                                                                                                                                                                    Matches
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APPLICANT: Bae, Kwang-Hee
APPLICANT: Bark, Kyung-Soon
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 1.1e+02;
0; Mismatches 4;
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Pred. No. 1.1e+02;
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APPLICANT: Broschat, Kay
APPLICANT: Broschat, Kay
ITITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTMARE: PatentIn version 3.2
SEQ ID NO 2293
LENGTH: 20
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LENGTH: 19
                                                                                Sequence 236, Application US/09216393
Patent No. US20010014447A1
GENERAL INFORMATION:
APPLICANT: Milhausen, Michael James
TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES,
FILE REFERENCE: TX.1-C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2293, Application US/10688706 Publication No. US20040102412A1
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
CURRENT APPLICATION NUMBER: US/09/216,393
CURRENT FILING DATE: 1998-12-18
EARLIER APPLICATION NUMBER: 08/994,825
EARLIER FILING DATE: 1997-12-19
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NAME/KEY: primer_bind
LOCATION: 1..19
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                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
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Pred. No. 98;
0; Mismatches
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Pred. No. 1e+02;
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US-10-321-856-236; Sequence 236, Application US/10321856; Publication No. US20030194393A1; GENERAL INFORMATION:
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OTHER INFORMATION: Primer
US-09-216-393-236
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APPLICANT: Hong, Zhi
APPLICANT: Horgari, Bric
APPLICANT: Ferrari, Bric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
FILE REFERENCE: IN01165
FILE REFERENCE: IN01165
CURRENT APPLICATION NUMBER: US/09/828,034
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: U.S. 60/195,852
PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 33
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Best Local S
                NUMBER OF SEQ ID NOS: 366
SOFTWARE: PatentIn version 3.1
SEQ ID NO 236
LENGTH: 21
TYPE: DNA
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 236
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                                                                                                                 CURRENT APPLICATION NUMBER: US/10/321,856
CURRENT FILING DATE: 2002-12-17
PRIOR APPLICATION NUMBER: 09/216,393
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 08/994,825
PRIOR FILING DATE: 1997-12-19
                                                                                                                                                                                                                                        APPLICANT: Milhausen, Michael James
TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THERE
FILE REFERENCE: TX-1-C2-1
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
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ORGANISM: Artificial sequence
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Similarity 85.7%;
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Pred. No. 1.2e+02;
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; OTHER INFORMATION: Synthetic Primer
US-10-321-856-236
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US-10-214-419-103
                                                                       US-10-409-968-11
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APPLICANT: SUNESIS PHARMACEUTICALS, INC.
APPLICANT: ERLANSON, Daniel A.
APPLICANT: HANSEN, Stig K.
APPLICANT: HARDY, Jeanne
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Best Local Similarity 85.,
18; Conservative
                                                                                                                   APPLICANT: O'BRIEN, Thomas
TITLE OF INVENTION: METHODS FOR IDENTIFYING ALLOSTERIC SITES
FILE REFERENCE: 39750-0013 US
CURRENT APPLICATION NUMBER: US/10/409,968
CURRENT FILING DATE: 2003-04-08
PRIOR APPLICATION NUMBER: 60/370,938
PRIOR FILING DATE: 2002-04-08
PRIOR FILING DATE: 2002-04-08
PRIOR FILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: ROBERT S. McDowell
APPLICANT: W. Michael Planagan
TITLE OF INVENTION: CYSTEINE MUTANTS AND METHODS FOR
TITLE OF INVENTION: DETECTING LIGAND BINDING TO BIOLOGICAL MOLECULES
FILE REFERENCE: SUNESIS.003A
CURRENT PILING DATE: 2002-08-05
NUMBER OF SEQ ID NOS: 277
SOFTMARE: FRAESEQ for Windows Version 4.0
SEQ ID NO 103
LENGTH: 21
TYPE: DNA
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Publication No. US20030194745A1
GENERAL INFORMATION:
                                   Query Match
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 Matches
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                                                                                     LENGTH: 21
TYPE: DNA
ORGANISM: homo sapiens
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Local Similarity
les 18; Conserv
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Local Similarity 85.7%;
38 18; Conservation
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 Conservative
                 1.2%;
85.7%;
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Score 16.2; DB 1; Length 21; Pred. No. 1.2e+02; 0; Mismatches 3; Indels
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Pred. No. 1.2e+02;
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Pred. No. 1.2e+02;
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RESULT 47
US-10-251-117-247
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US-10-289-762-6233/c
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US-10-344-124-34/c
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Sequence 247, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor:
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor:
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6233, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: and treatment of infection
FILE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
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PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 56
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 6233
LENGTH: 20
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TITLE OF INVENTION: Use of microbial DNA sequences for the identification
TITLE OF INVENTION: of diseases
FILE REFERENCE: 11201/15
CURRENT APPLICATION NUMBER: US/10/344,124
CURRENT FILING DATE: 2003-02-07
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TYPE: DNA
ORGANISM: Plasmodium falciparum
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                          Match
Local Similarity 100.0%; F
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Local Similarity 85.7%;
                                                                                                                                                                                                                                                                                    1109 TTCCATTTTTCCCCCC 1124
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Pred. No.
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Pred. No. 1.2e+02
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US-10-251-117-496/c
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                                                                                                                                                                                US-10-251-117-496
                                                                                  Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.0 SEQ ID NO 496 LENGTH: 19
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 247
                                                                                                                                   Query Match
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-6-06
                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 1213
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence:
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                                            TCTTTGTTTTGTTTTTAA 1264
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15.8%; Pred. No. 1.3e+02;
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                                                                                                              Score 15.8; DB 1;
Pred. No. 1.3e+02;
                                                                                         Mismatches
                                                                                                                                 DB 1; Length 19;
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RESULT 49

RESULT 50 US-09-224-683-33/c

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                                                                Matches
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Best Local (
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                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                  NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/34465
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
FILLING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
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FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Zsebo, Krisztina M. APPLICANT: Bosselman, Robert A. APPLICANT: Suggs, Sidney V. APPLICANT: Martin, Francis H. TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 24-AUG-
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 25-NOV-PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                     TELEPHONE: 314/.
TELEPHONE: 314/.
TERENT: 312/474-0448
                                                                                                                                                                                               TYPE: nucleic acid
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                                                                                                                                                                  TOPOLOGY:
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19 TAAAAAAAAAAAAAAAA 1
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Similarity 89.5%;
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                                                              0; Mismatches
                                                                                Score 15.8;
Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/224,683
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CITY: Chicago
Illinois
Inited
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APPLICATION NUMBER: 08/4
FILING DATE: 24-MAY-1995
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ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: 09/005,893
FILING DATE: 12-JAN-1998
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TITLE OF INVENTION: Stem Cell Factor: Composition Claims
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                                                                   Local Similarity hes 17; Conserv
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REFERENCE/DOCKET NUMBER: 01017/35136
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                               1519 ТААЛАЛАЛАЛАЛАГТАЛЛА 1537
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TAAAAAAAAAAAAAAAAAAAA 1
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                                                                   Conservative
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25-NOV-1992
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                                                                                 1.1%;
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                                                                 0,
                                                                 Score 15.8; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 2;
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South Wacker Drive
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                                                                                                                                                               ; OTHER INFORMATION: Synthetically generated primer US-09-826-581-10
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US-09-916-369A-3
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LENGTH: 20
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                                                                                Matches
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                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                            APPLICANT: Andersson, Leif
APPLICANT: Luthman, L. Holger
APPLICANT: Marklund, Stefan
TITLE OF INVENTION: VARIANTS OF THE HUMAN AMP-ACTIVATED PROTEIN KINASE GAMMA 3 SUBUNIT
FILE REFERENCE: 11145-007001
CURRENT APPLICATION NUMBER: US/09/826,581
CURRENT FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: US 60/195,665
PRIOR APPLICATION NUMBER: US 60/195,665
PRIOR FILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/916,369A CURRENT FILING DATE: 2001-07-21 PRIOR APPLICATION NUMBER: US 09/627,249 PRIOR FILING DATE: 2000-07-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Perbost, Michael GM
APPLICANT: Caruthers, Marvin H
APPLICANT: Betley, Jason R
TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
TITLE OF INVENTION: Chemistry
FILE REFERENCE: 10003869-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Dellinger, Douglas J
APPLICANT: Perbost, Michael GM
                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
                                                                                                    Local
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                                        423
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1 Similarity 89.5%;
17; Conservative
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l Similarity 89.5%;
17; Conservative
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                                    AGTGGCGGCTGCGGCGCCG 441
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AGTGGCGGCTGCAGCACCG 19
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Pred. No. 1.4e+02;
0; Mismatches 2;
                                                                          Score 15.8; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 2;
                                                                                                                  Length 20;
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US-09-888-326-410 ; Sequence 410, Application US/09888326 ; Publication No. US20030026801A1

RESULT 53

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APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Petersen, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C103/7/013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 20

TEXT. 100 100 243

LENGTH: 20
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APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FASTSEQ for Windows Version 3.0
SECTIVATE: 2001-410
                                                                                                     RESULT 55
US-09-776-479-243
                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243
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US-09-776-479-243
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; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-410
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                                     Sequence 243, Application US/09776479 Publication No. US20040067902A9 GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conser
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Best Local 9
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APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
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Pred. No. 1.4e
0; Mismatches
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Pred. No. 1.4e+02;
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RESULT 57 US-10-112-653-235

Sequence 235, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.

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GENERAL INFORMATION:

APPLICANT: Davis, Heather L.

APPLICANT: Schorr, Joachim M.

APPLICANT: Schorr, Joachim M.

APPLICANT: Wu, Tong

ITILE OF INVENTION: Vectors and Methods for Immunization or ITILE OF INVENTION: Vectors and Methods for Immunization or ITILE OF INVENTION: Vectors and Methods for Immunization or ITILE OF INVENTION: Vectors and Methods for Immunization or ITILE OF INVENTION: Vectors and Methods for Immunization or ITILE OF INVENTION: Vectors and Methods for Immunization or ITILE OF INVENTION NUMBER: US/09/955,101

CURRENT APPLICATION NUMBER: US 09/082,649

PRIOR APPLICATION NUMBER: US 09/082,649

PRIOR APPLICATION NUMBER: US 09/087,233

PRIOR APPLICATION NUMBER: US 00/047,233

PRIOR APPLICATION NUMBER: US 00/047,209

PRIOR APPLICATION NUMBER: US 60/047,209

PRIOR APPLICATION NUMBER: US 60/047,209

PRIOR APPLICATION NUMBER: US 60/047,209
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                                                                                                                                                                                       ; OTHER INFORMATION: synthetic oligonucleotide US-09-965-101-57
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                                                                                          Matches
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LENGTH: 20
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Publication No.
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                       Local Similarity nes 17; Conserv
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!l Similarity 89.5%;
17; Conservation
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1 GGCGGCGGCGGCGGCG 19
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                                                                                            Conservative
                                                                                                           1.1%; Score 15.8;
89.5%; Pred. No. 1
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Pred. No. 1
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                                                                                            Mismatches
                                                                                                                8; DB 1;
1.4e+02;
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Sequence 243, Application US/10314578

publication No. US20030212026A1

GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.

APPLICANT: Schetter, Christian

APPLICANT: Vollmer, Jorg

TITLE OF INVENTION: Immunostimulatory Nucleic Acids

FILE REFERENCE: C1039/7035 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/10/314,578

CURRENT APPLICATION NUMBER: US 60/156,113

PRIOR APPLICATION NUMBER: US 60/156,113

PRIOR FILING DATE: 1999-09-25

PRIOR APPLICATION NUMBER: US 60/156,135

PRIOR APPLICATION NUMBER: US 60/156,135
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CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
FRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOPTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 235
LENGTH: 20
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonuclectide
US-10-112-653-235
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US-10-314-578-243
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US-10-017-995-243
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LENGTH: 20
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Publication No. US20
GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
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TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR PRIOR DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.1%;
Local Similarity 89.5%;
108 17; Conservarium
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Pred. No. 1.4e+02;
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Pred. No. 1.
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APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INUMINION: ANTISENSE MODULATION OF GFAT EXP
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PACENTIN VETBION 3.2
SOFTWARE: PACENTIN VETBION 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF GFF
FILE REPERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PAtentIn version 3.2
SEQ ID NO 1916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: human GFAT antisense US-10-688-706-1916
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US-10-688-706-1917/c
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                                                                                                                                                                                                                                                                               Sequence 1917, Application US/10688706 Publication No. US20040102412A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1916, Application US/10688706 Publication No. US20040102412A1 GENERAL INFORMATION:
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: artificial
                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                        ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     1248 TITGTTTTGTTTTTAATC 1266
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.1%; Score 15.8;
89.5%; Pred. No. 1.
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Pred. No. 1.4e+02;
0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
L.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GFAT EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 20;
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Query Match
Best Local Similarity
watches 17; Conserv
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US-10-175-608-33/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: human GFAT antisense US-10-688-706-1917
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 33, Application US/10175608 Publication No. US20040181044A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10, Application US/10705137
Publication No. US20040121385A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/705,137
CURRENT FILING DATE: 2003-11-10
PRIOR APPLICATION NUMBER: US 09/826,581
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: US 60/195,665
PRIOR APPLICATION NUMBER: US 60/195,665
PRIOR FILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Andersson, Leif
APPLICANT: Luthman, L. Holger
APPLICANT: Marklund, Stefan
TITLE OF INVENTION: VARIANTS OF THE HUMAN AMP-ACTIVATED PROTEIN KINASE GAMMA 3 SUBUN:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 11145-007002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
les 17; Conserv
             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, \
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/175,608
                                                                                                                                                                                                                        NUMBER OF STATES.

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole,

ADDRESSEE: Marshall, O'Toole,

233
                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1251 GTTTTGTTTTTTAATCAGA 1269
                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Zsebo, Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    423 AGTGGCGGCTGCGGCGCCG 441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20
                                                                                                                                                                                     CITY: Chicago
STATE: Illinois
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                                                                                                                                                COUNTRY: United States of America ZIP: 60606-6402
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                                                                                                                                                                                                                                                                                                                                       Suggs, Sidney V.
                                                                                                                                                                                                                                                                                                                                                         Bosselman, Robert A.
                                                                                                                                                                                                                                                                                                                    Martin, Francis H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.1%;
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16-Oct-2002
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Pred. No. 1.
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Pred. No. 1.4e+02;
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South Wacker Drive
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                                                      Version #1.30
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                                                                                                                                              FILE REFERENCE: DOW-07654
CURRENT APPLICATION NUMBER: US/10/410,031
CURRENT FILING DATE: 2003-04-09
NUMBER OF SEQ ID NOS: 191
SOFTWARE: PatentIn version 3.2
SEQ ID NO 189
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 64
US-10-410-031-189/c
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                                                                                           US-10-410-031-189
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                                                                                                                                                                                                                                                                                                                    Publication No. US20040010817A1
GENERAL INFORMATION:
APPLICANT: Shockey, Jay M.
APPLICANT: Schourr, Judy
APPLICANT: Browse, John A.
TITLE OF INVENTION: Plant Acyl-CoA Synthetases
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 189, Application US/10410031 Publication No. US20040010817A1
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                 Query Match
Best Local Similarity
Matches 17; Conserv
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INFORMATION FOR SEQ ID NO: 33:
                                                                                                             OTHER INFORMATION: Synthetic
                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 0101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local
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STRANDEDNESS: single
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APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 09/486,546 FILING DATE: 24-MAY-1995 APPLICATION NUMBER: 08/172,329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 07/422,383 FILING DATE: 16-OCT-1989
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 10-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/589,701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/684,535
                   Conservative
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                                   1.1%;
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                                 Score 15.8; DB 1
Pred. No. 1.5e+02
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Pred. No. 1
                     Mismatches
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3:
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.4e+02;
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1519 TAAAAAAAAAAAAGTAAAA 1537

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CURRENT FILLING DATE: 203-06-06

NUMBER OF SEQ ID NOS: 3537

SEQ ID NO 1335

LENGTH: 22

TYPE: PN":
용
                                                                                                                                               ; FEATURE:
; LOCATION: (1942336)...(1942357)
; OTHER INFORMATION: Chromosome = 1
US-10-339-674-1435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-339-674-1435/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; LENGTH: 22
; TYPE: RNA
; ORGANISM: Homo Bapiens
US-10-216-122-94
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1435, Application US/10339674
Publication No. US20030204318A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants,
TITLE OF INVENTION: Escherichia coli K-12 MG1655 comp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1995-11-16
NUMBER OF SEQ ID NOS: 154
SOFTWARE: PatentIn version 3.1
SEQ ID NO 94
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                                                                        Matches
                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US 09/653,812
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: US 08/847,844
PRIOR APPLICATION NUMBER: US 08/749,805
PRIOR FILING DATE: 1997-04-28
PRIOR FILING DATE: 1996-11-15
PRIOR FILING DATE: 1996-11-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 053893-5006-03
CURRENT APPLICATION NUMBER: US/10/216,122
CURRENT FILING DATE: 2002-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Ostertag, Eric
APPLICANT: DeBerardinis, Ralph
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kazazian, Haig H. APPLICANT: Ostertag, Eric APPLICANT: DeBerardinis, Ra
                                                                                                                                                                                                                         ORGANISM: Escherichia coli K-12 MG1655 complete genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.1%;
Local Similarity 81.8%;
38 18; Conservative
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                                   423 AGTGGCGGCTGCGGCGCCGCG 444
22
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                                                                                            Similarity
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                                                                        Conservative
                                                                                          1.1%;
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Pred. No. 1.
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Pred. No. 1
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                                                                                                           DB 1;
                                                                                                         Length 22;
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RESULT 67

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Best Local
Query Match
Best Local Similarity
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APPLICANT: Abarzua, Patricio
TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION
FILE REFERENCE: 13172.0021U1
CURRENT APPLICATION NUMBER: US/10/335,573
CURRENT FILLING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 6
SOFTMARE: FastSEQ for Windows Version 4.0
                                                                                                                                                             TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,95
FILING DATE: 05-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIA
                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                              NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 92
                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER:
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                                                                        TOPOLOGY:
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5. US20020150891A1
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                                                                                                       nucleic acid
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SYSTEM: PC-DOS/MS-DOS
                                                                        linear
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1.1%;
94.1%;
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Pred. No. 1.8e+02;
0; Mismatches 4
Score 15.4; DB 1;
Pred. No. 1.4e+02;
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                Length 17;
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PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR FILING DATE: 1999-12-30
PRIOR FILING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
                                                                            GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors

FILE REFERENCE: MBHB00-958-I (400/018)

CURRENT APPLICATION NUMBER: US/09/848,754A

CURRENT FILING DATE: 2001-05-03

NUMBER OF SEQ ID NOS: 9645

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2125
                                                                                                                                                                                                                                                                                                          Sequence 2125, Application US/09848754A Publication No. US20030073207A1
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 558
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
FILE REPERENCE: MeHB00-831-F (400/009)
CURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27
·09-848-754A-2125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudary, Amber
APPLICANT: Karpeisky, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
           TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
nes 3; Conserv
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APPLICATION NUMBER: 09/186,675
FILING DATE: 1998-11-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/083,727
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Sweedler, Dave
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Pred. No. 1.4e+02;
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; FEATURE:
, NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2508
                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2508
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2508
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TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patentin version 3.0
SEQ ID NO 2508
                                                                  Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Publication No. US20 GENERAL INFORMATION:
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CURRENT FILING DATE: 2001-03-26
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TYPE: RNA
ORGANISM: artificial sequence
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ilarity 88.2%;
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38.2%; Pred. No. 1.40
ive 1; Mismatches
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                                                                                   Score 15.4; DB 1;
Pred. No. 1.4e+02;
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Pred. No. 1
                                                                   Mismatches
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1.4e+02;
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RESULT 75
US-10-287-949A-1070/c
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; ORGANISM: Homo sapiens
US-10-138-674-1070
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US-10-138-674-1070/c
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; ORGANISM: Homo sapiens
US-10-163-552-985
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                                                                                                     Sequence 1070, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE; MBH800-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Fatentin version 3.0
SEQ ID NO 1070
LENGTH: 17
TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1070, Application US/10138674 
Publication No. US20040077565A1 
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.0 SEQ ID NO 985 LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 985, Applic Publication No. US20 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                            APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Nucleic acid treatment TITLE OF INVENTION: HER2
FILE REFERENCE: MBHB01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ribozyme Pharmaceuticals, Inc APPLICANT: McSwiggen, Jim
    TITLE OF INVENTION:
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: Pavco, Pam
: McSwiggen, Jim
: Stinchcomb, Dan
: Bscobedo, Jaime
INVENTION: Method and F
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Pred. No. 1.4e
0; Mismatches
    Reagent for the Treatment of Diseases or Conditions Vascular Endothelial Growth Factor Receptor
                                                                                                                                                                                                                                                                                                                                                                                                          1.4e+02;
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TITLE OF INVENTION: ULIGONUCLECTIDE MEDIATED INHIBITION OF I
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MHBDO-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILLING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/363,124
; LOCATION: ; OTHER INFORMATION: oligonucleotide substrate US-10-669-841-5101
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                                                                                                                                                                                                                                                SEQ ID NO 5101
LENGTH: 17
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Publication No.
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CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                             Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 16207 SOFTWARE: PatentIn version 3.0
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APPLICANT:
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PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
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ORGANISM: Homo sapiens
                                                                                                          OTHER INFORMATION: FEATURE:
                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                              NAME/KEY: misc_feature
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Similarity 94.1%;
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Kenneth, Draper
Elisabeth, Roberts
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. US20040127446A1
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                                                                                                                                   Description
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Pred. No. 1.
                                                                                                                                   of Artificial Sequence:
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HEPA7

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PRIOR APPLICATION NUMBER: 09/577,902
PRIOR PILING DATE: 2001-06-11
PRIOR PILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR PILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: PCT/US99/29594,
PRIOR PILING DATE: 1999-12-14
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-933-638A-10
                                                                            US-09-933-638A-10
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 18
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Patent No. US20020058638A1
GENERAL INFORMATION:
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LENGTH: 18
                     Query Match
Best Local :
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   Matches
                                                                                                                                                                                                                                            APPLICANT: Kazantsev, Aleksey G.
APPLICANT: Thompson, Leslie M.
APPLICANT: Thompson, Leslie M.
APPLICANT: Housman, David E.
TITLE OF INVENTION: INHIBITION OF PROTEIN-PROTEIN INTERACTION
FILE REFERENCE: 01997-289001
CURRENT FAPPLICATION NUMBER: US/09/933,638A
CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: US 60/226,502
PRIOR APPLICATION NUMBER: US 60/226,502
PRIOR FILING DATE: 2000-08-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: ISPH-0463
CURRENT APPLICATION NUMBER: US/09/878,582
CURRENT FILING DATE: 2001-06-11
                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lex M. Cowsert
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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ORGANISM: Artificial Sequence
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                                                                                            OTHER INFORMATION: Synthetically generated primer
                                                                                                                  FEATURE:
                                                                                                                                 ORGANISM: Artificial Sequence
 Local Similarity hes 16; Conserv
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   Conservative
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94.1%;
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                 94.1%;
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Score 15.4; DB 1; Length 18; Pred. No. 1.5e+02; O; Mismatches 1; Indels
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Pred. No. 1.5
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Pred. No. 1.4e+02;
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   Gaps
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                                                           ; OTHER INFORMATION: Antisense Oligonucleotide US-10-388-263-837
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US-10-388-263-837
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
                                                                                                                                                                           SEQ ID NO 837
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                     Query Match
                                                                                                                                                                                                                        APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GE
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Publication No.
   Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Housman, David E.
APPLICANT: Preisinger, Elizabeth A.
APPLICANT: Kazantsev, Aleksey G.
TITLE OF INVENTION: METHODS OF SCREENING FOR AGENTS WHICH INHIBIT AGGREGATION
TITLE OF INVENTION: OF POLYPEPTIDES
FILE REFERENCE: 01997-261002
                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/194,584
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 09/405,048
PRIOR FILING DATE: 1999-09-27
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                              TYPE: DNA
ORGANISM: Artificial
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH: 18
                                                                                                                                                       ENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                              McNeil, John
Freier, Susan M.
Sasmor, Henri M.
Brooks, Douglas G.
Ohashi, Cara
Wyatt, Jacqueline R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/10388263
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Pred. No. 1
   Score 15.4; DB 1;
Pred. No. 1.5e+02;
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                     Length 18;
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Gaps

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APPLICANT: DESC. COMBERT
APPLICANT: LEX M. COMBERT
APPLICANT: Tim Vickers
ITITE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
FILE REFERENCE: ISISO004-100
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: US 60/411,780
PRIOR APPLICATION NUMBER: US 60/411,780
PRIOR RILING DATE: 2002-09-18
PRIOR RILING DATE: 2001-06-11
PRIOR FILING DATE: 2001-06-11
PRIOR FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: US 09/878,582
PRIOR APPLICATION NUMBER: US 09/877,902
PRIOR FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: US 09/577,902
PRIOR APPLICATION NUMBER: US 09/578,381
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 13
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 46, Application US/10664639A Publication No. US20040137471A1 GENERAL INFORMATION:
                                                                 NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn version 3.2
SEQ ID NO 46
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local :
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                                                                                                                                                                                                APPLICANT: Koo, Seongjoon
APPLICANT: Bennett, C. Frank
APPLICANT: Crooke, Stanley T.
APPLICANT: Dean, Nicholas, M.
APPLICANT: Dean, Nicholas, M.
APPLICANT: Baker, Brenda F.
TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single-
TITLE OF INVENTION: Double-Stranded Oligomeric Compounds
FILE REFERENCE: ISISO001-100 (COREO027US)
CURRENT APPLICATION NUMBER: US/10/664,639A
CURRENT FILING DATE: 2003-09-18
                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/411,780 PRIOR FILING DATE: 2002-09-18
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Vickers, Timothy APPLICANT: Koo, Seongjoon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Brett
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TYPE: DNA ORGANISM: artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity 94.1%; Pred. No. 1. 108 16; Conservative
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APPLICANT:

McNeil, John Freier, Susan M. Sasmor, Henri M. Brooks, Douglas G. Ohashi, Cara Wyatt, Jacqueline R.

APPLICANT:

APPLICANT:

PPLICANT

Borchers, A.L.. Timothy APPLICANT: Cowsert, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.

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LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
FEATURE:
NAME/KEY: misc feature
LOCATION: (1). (20)
OTHER INFORMATION: synthetic primer sequence
US-09-894-633A-71
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US-09-894-633A-71
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                                                         US-10-388-263-881
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Sequence 881, Application No. US200 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.0 SEQ ID NO 71
                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                              Query Match
Best Local Similarity
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TITLE OF INVENTION: PLANT REGULATORY SEQUENCES FOR SELECTIVE CONTROL OF GENE EXPRESSIC FILE REFERENCE: 386-21 (15856) B
CURRENT APPLICATION NUMBER: US/09/894,633A
CURRENT FILING DATE: 2001-06-28
CHRIOR APPLICATION NUMBER: 60/214,357
PRIOR APPLICATION NUMBER: 60/214,357
PRIOR FILING DATE: 2000-66-28
PRIOR APPLICATION NUMBER: 09/894,633
PRIOR FILING DATE: 2000-66-28
PRIOR FILING DATE: 2000-66-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Conner, Timothy APPLICANT: Dubois, Patrice APPLICANT: Malven, Marianne APPLICANT: Masucci, James
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LOCATION: (15)..(18)
OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
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5. US20020124285A1
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Similarity 94.1%;
                                   Application US/10388263
                                                                                                                                                                                                            Conservative
                   US20030228597A1
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Pred. No. 1.5e+02;
                                                                                                                                                                                                          Score 15.4; DB 1;
Pred. No. 1.8e+02;
0; Mismatches 1
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RESULT 86
US-10-336-213B-58
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; OTHER INFORMATION: Oligomeric Compound
US-10-388-263-881
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CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 881
LENGTH: 21
                                                                                                      Sequence 58, Application US/10336213B Publication No. US20040002153A1 GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 917
LENGTH: 21
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Best Local
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wyatt, Jacqueline R.

APPLICANT: Wyatt, Jacqueline R.

APPLICANT: Wyatt, Jacqueline R.

APPLICANT: Vickers, Alexander

ITITLE OF INVENTION: DENTIFICATION OF GENETIC TARGETS FOR

TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND

TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION

TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
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APPLICANT: Baker, Brenda F.
APPLICANT: MCNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Sasmor, Henri M.
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                                   APPLICANT: Brett P. Monia APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Oligomeric Compound
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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Local Similarity 94.1%;
es 16; Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              633 GGGAGGTGGCGCCGCCG 649
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.1%;
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Pred. No. 1.
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APPLICANT: Tim Vickers
ITITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
CURRENT APPLICATION NUMBER: US/10/336,213B
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: US 60/411,780
PRIOR APPLICATION NUMBER: US 09/878,582
PRIOR APPLICATION NUMBER: US 09/878,582
PRIOR FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: US 9/577,902
PRIOR APPLICATION NUMBER: US 9/577,902
PRIOR APPLICATION NUMBER: US 09/579,902
PRIOR FILING DATE: 1999-12-14
PRIOR APPLICATION DATE: 1999-12-14
PRIOR FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 58
LENGTH: 21
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APPLICANT: Ordovas, Jose M.

APPLICANT: MCGarthy, Jeanette J.

APPLICANT: MCGarthy, Jeanette J.

TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND TITLE OF INVENTION: CARDIOVASCULAR DISORDERS

FILE REFERENCE: MNI-172CP2

CURRENT APPLICATION NUMBER: US/09/779,152

CURRENT FILING DATE: 2001-02-08

PRIOR APPLICATION NUMBER: 08/890,979

PRIOR APPLICATION NUMBER: 08/890,979

PRIOR FILING DATE: 1997-07-10

NUMBER OF SEQ ID NOS: 121

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 56

LENGTH: 20
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                                                                                                                                                   US-10-023-610-56/c
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US-09-779-152-56
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                                                                         Sequence 56, Application US/10023610 Publication No. US20030023059A1 GENERAL INFORMATION:
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Publication No. US20030044782A1
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APPLICANT: Acton, Susan L. TITLE OF INVENTION: SR-BI NUCLEIC ACIDS FILE REFERENCE: MIA-005.03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                 Local
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17; Conserv
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85.0%; Pred. No. 1.90
tive 0; Mismatches
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; Pred. No. 1.9e
0; Mismatches
                             AND USES THEREFOR
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NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PATENTIN VET: 2.0
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-023-610-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-92
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, Sequence 92, Application US/10205522
, Publication No. US20030077629A1
, GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                US-10-057-834A-51
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APPLICANT: Miller, Andarew
APPLICANT: Miller, Andarew
APPLICANT: Reidy, Michael
TITLE OF INVENTION: Genotyping Human
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: 2B15 (UGT2B15) Genos
FILE REFERENCE: SEO-22PRV2
CURRENT APPLICATION NUMBER: US/10/205,522
CURRENT FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: US/9/356,806
PRIOR APPLICATION NUMBER: US/9/356,806
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEO ID NOS: 164
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 92
LENGTH: 20
                                                                                                                                                                                                                  Sequence 51, Application US/10057834A Publication No. US20030099960A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.1%;
Best Local Similarity 85.0%;
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EARLIER APPLICATION NUMBER: 09/686,106
EARLIER FILING DATE: 2000-10-10
EARLIER APPLICATION NUMBER: 09/032,894
EARLIER APPLICATION NUMBER: 09/032,894
EARLIER FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
                                    APPLICANT: SAWYER, MICHAEL
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OPTIMIZING UGT2B7 SUBSTRATE DOSINGS
TITLE OF INVENTION: PREDICTING UGT2B7 SUBSTRATE TOXICITY
                                                                                                                   APPLICANT: RATAIN, MARK J.
APPLICANT: INNOCENTI, FEDERICO
APPLICANT: DAS, SOMA
APPLICANT: IYER, LALITHA
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APPLICANT: Galvin, Mary
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URRENT APPLICATION NUMBER: US/10/057,834A
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llarity 85.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Score 15.2; D; Pred. No. 1.9e 0; Mismatches
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PRIOR APPLICATION NUMBER: UNKNOWN
PRIOR FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 78
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 51
LENGTH: 20
TYPE: DNA
TYPE: DNA
TORGANISM: Homo sapiens
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; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-216-817-9
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US-10-216-817-9
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US-10-023-782A-72
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                                                         SEQ ID NO 72
LENGTH: 20
TYPE: DNA
                                                                                                               Sequence 72, Application US/10023782A
Publication No. US20030147863A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Freiter
TITLE OF INVENTION: ANTISENSE MODULATION OF TFAP2C EXPRESSION
FILE REFERENCE: RTS-0343
CURRENT APPLICATION NUMBER: US/10/023,782A
CURRENT FILING DATE: 2001-12-17
NUMBER OF SEQ ID NOS: 87
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APPLICANT: GICQUEL, BRIGITTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/10216817
Publication No. US20030129619A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/313,523
PRIOR FILING DATE: 2001-08-21
NUMBER OF SEQ ID NOS: 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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Local Similarity 85.0%;
es 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0;
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Pred. No. 1.
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Pred. No. 1
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APPLICANT: Bo, Jiang
APPLICANT: Bo, Jiang
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
ITTLE OF INVENTION: Gene Disruption Methodologies for
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5708
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5708
RESULT 95
US-10-280-183A-175/c
; Sequence 175, Application US/10280183A
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                                                                                                                                                                                                                       ; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-212-848-56
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US-10-032-585-5708
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                                                                                                                                                Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                          TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING RISK FACTORS
TITLE OF INVENTION: ASSOCIATED THEREWITH
TITLE OF INVENTION: ASSOCIATED THEREWITH
FILE REFERENCE: MMI-012
CURRENT APPLICATION NUMBER: US/10/212,848
CURRENT FILLING DATE: 2002-08-05
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 56
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 56, Application US/10212848 Publication No. US20040023225A1 GENERAL INFORMATION:
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sest Local Similarity 85.0%;
Matches 17; Conservation
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Best Local Similarity 85.0%;
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MCCARTHY, Jeanette
                                                                                                             1037 GTGGGCGGCGGTGGTGAA 1056
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Pred. No. 1.9e+02;
                                                                                                                                                                         Score 15.2;
Pred. No. 1
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Pred. No. 1.9e+02;
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                                                                                    RESULT 97
US-10-303-420-211
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; ORGANISM: Mouse
US-10-280-183A-175
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 GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
                                                    Sequence 211, Application US/10 Publication No. US20040102398A1
                                                                                                                                                                                                                            Matches
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17; Conserv
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17; Conserv
                                                                   Application US/10303420
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APPLICANT: ROSS, DAVID

APPLICANT: TOROSI, Michael G.

TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SEN.

TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETNERS

FILE REFERENCE: PC18306A

CURRENT APPLICATION NUMBER: US/10/280,183A

CURRENT FILING DATE: 2002-10-25

PRIOR APPLICATION NUMBER: 60/200,794

PRIOR FILING DATE: 2000-04-28

NUMBER OF SEQ ID NO 175

SEQ ID NO 175

LENGTH: 20

TYDER: NAME

TENGTH: 20
                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-10-303-420-63
                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/303,420
CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 271
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 63, Application US/10303420 Publication No. US20040102398A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Pfizer Inc.
APPLICANT: Bachmanov, A
APPLICANT: Bachmanov, A
APPLICANT: Beauchamp, G
APPLICANT: Chatterjee,
APPLICANT: De Jong, Pi
APPLICANT: Li, Shanru
APPLICANT: Li, Xia
APPLICANT: Li, Xia
APPLICANT: Chmen, Jeffr
APPLICANT: Reed, Daniel
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                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: WODULATION OF B7H EXPRESSION
FILE REFERENCE: RTS-0417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            808 CTGAATTTTGTGTTTGCATC 827
                               361 AGGGGCCTGGTCTGTGCGTC 380
20 AGGTGCCTGGGCTGTGAGTC 1
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Beauchamp, Gary K.
Chatterjee, Aurobindo
De Jong, Pieter J.
Li, Shanru
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                                                                              Conservative
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                                                                                               1.1%;
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                                                                                             Score 15.2; DB 1;
Pred. No. 1.9e+02;
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APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

ITITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION

FILE REFERENCE: 01.393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER: OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 2110

LENGTH: 20
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; Sequence 1207, Application US/10671395

; Publication No. US20040132063A1
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US-10-688-706-2110/c
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                              APPLICANT: Charmacia Corp.
APPLICANT: Cierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT PAPLICATION NUMBER: US/10/671,395
CURRENT PILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOCTWARE: PATENTIN Version 3.2
SEQ ID NO 1207
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/303,420
CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 271
SEQ ID NO 211
LENGTH: 20
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: human GFAT antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: artificial FEATURE:
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ORGANISM: artificial
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Pred. No. 1.9e+02;
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-728-399-199/c
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US-10-671-395-1296/c
                                                                                                                                                                                                                           APPLICANT: Pharmacia Corp.
APPLICANT: Colca, Jerry
APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455 1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: Patentin version 3.2
SEQ ID NO 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James
                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 199, Application US/10728399 Publication No. US20040132078A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.2 SEQ ID NO 1296
                                                       Matches
                                                                    Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
                                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                            FEATURE:
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Local Similarity 85.0%;
ss 17; Conservative
1518 TTAAAAAAAAAAAAGTAAAA 1537
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                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                      1.1%;
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                                                                      Score 15.2; DB 1;
Pred. No. 1.9e+02;
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Pred. No. 1.9e+02;
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Pred. No. 1.9e+02;
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                                                                                      Length 20;
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US20020156006A1

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RESULT 103
US-09-978-295A-564/c
; Sequence 564, Application US/09978295A
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US-09-850-351A-11
; Sequence 11, Application US/09850351A
; Patent No. US20020100080A1
; GENERAL INFORMATION:
                                                                                                     문
                                                                                                                                                                                                                                                                ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-850-351A-11
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Best Local Similarity 85.0
Matches 17; Conservative
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NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708CD1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/073,898
FILING DATE: 06-MAY-1998
APPLICATION NUMBER: US 08/960,780
PILING DATE: 30-0CT-1997
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-0CT-1996
                                                                                                                                      1630 ATCCTCCCTACCCTTTTGAA 1649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: No. US20020100080A1el Pesticidal Toxins and Nucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                       ATCCTCCCTACACTTTCTAA 21
                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/850,351A FILING DATE: 07-May-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 2421 N.W. CITY: Gainesville
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TELEFAX: 352-372-5800
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Stamp, Lisa
Morrill, George
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Dullum, Charles Joseph
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Stockhoff, Brian A.
Schmeits, James
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Pred. No. 2.1e+02;
0; Mismatches 3
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CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
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GENERAL INFO
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                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1998-03-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/066364
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PRIOR FILING DATE: 1997-11-13
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DR FILING DATE: 1998-03-12
DR APPLICATION NUMBER: 60/078004
DR FILING DATE: 1998-03-13
DR APPLICATION NUMBER: 60/078886
DR FILING DATE: 1998-03-20
DR FILING DATE: 1998-03-20
DR FILING DATE: 1998-03-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/077641
                                                                                                         APPLICATION NUMBER: 60/079294
FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/077649 FILING DATE: 1998-03-11
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                                                                        FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079664
                                                                                                                                                                    APPLICATION NUMBER: 60/078939 FILING DATE: 1998-03-20
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                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/078936 FILING DATE: 1998-03-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/077632
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                                 FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079689
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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NUMBER: 60/079663
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APPLICATION N
FILING DATE:

NUMBER: 1998-03-27

60/079728

OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
OR APPLICATION NUMBER: 60/079980
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080333
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080333
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334

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RESULT 104
US-09-978-697-564/c
; Sequence 564, Application US/09978697
; Patent No. US20020169284A1
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GENERAL INFO
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/08354
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083559
OR PILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/08359
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/08350
OR FILING DATE: 1998-04-39
OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084641
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084641
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084637
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084627
OR APPLICATION NUMBER: 60/08533
OR APPLICATION NUMBER: 60/08533
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085570
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                                                                                                  INFORMATION:
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17; Conservative
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                                                                                Ashkenazi, Avi
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  Desnoyers,
Eaton, Dan
                                       Baker Kevin P.
Botstein, David
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OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081929
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819

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OR FILING DATE: 1998-04-29
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OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-29
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083499

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FILE REFERENCE: P2630P1C27
CURRENT APPLICATION NUMBER: US/09/978,697
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PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1997-10-17
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C27
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APPLICATION NUMBER: 60/077641
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Goddard, Audrey
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Kuo, Sophia S.
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Filvaroff, Ellen
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en, Mary E.
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APPLICATION I
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Sequence 564, Application US/09978192A
Patent No. US20020177553A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Botstein, David
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
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APPLICATION NUMBER: 60/085323
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/085339
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APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Shelton, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembran
TITLE OF INVENTION: Acids Encoding the Same
PILE REFERENCE: P2630P1C9
CURRENT APPLICATION NUMBER: US/09/978,192A
CURRENT FILING DATE: 2001-10-15
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APPLICATION NUMBER: 60/077791
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FILING DATE: 1997-11-03
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APPLICATION NUMBER: 60/062250
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APPLICATION NUMBER: 09/918585
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FILING DATE: 1997-11-21
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Grimaldi, J. Christopher
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Hillan, Kenneth J
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Sophia S.
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Publication No. US20020192706A1
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Ashkenazi, Avi
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Pred. No. 2
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RESULT 106
US-099-832A-564/c
Sequence 564, Application US/0999832A
Publication No. US20020192706A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Botstein, David
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerber, Hanspeter
APPLICANT: Goddard, Audrey
APPLICANT: Goddwski, Paul J.
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Scy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timochy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C63
CURRENT APPLICATION NUMBER: US/09/999,832A
CURRENT FILING DATE: 2001-10-24
CURRENT FILING DATE: 2001-10-24
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OR FILING DATE: 1998-03-20
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OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078910
OR FILING DATE: 1998-03-20
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OR APPLICATION NUMBER: 60/079294
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OR APPLICATION NUMBER: 60/079664
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OR APPLICATION NUMBER: 60/079663
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OR FILING DATE: 1997-11-21
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OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077791
OR APPLICATION NUMBER: 60/078004
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OR FILING DATE: 1998-03-13
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DR FILING DATE: 1998-03-30
DR APPLICATION NUMBER: 60/079923
DR FILING DATE: 1998-03-30
DR APPLICATION NUMBER: 60/080105
DR APPLICATION NUMBER: 60/080107
DR APPLICATION NUMBER: 60/080104
DR APPLICATION NUMBER: 60/080194
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APPLICATION NUMBER: 60/064249
FILING DATE: 1997-11-03
APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
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FILING DATE: 2001-07-30
APPLICATION NUMBER: 60/062250
FILING DATE: 1997-10-17
     APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
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OR APPLICATION NUMBER: 60/081955
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OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
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OR FILING DATE: 1998-04-15
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OR APPLICATION NUMBER: 60/082568
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083558

OR APPLICATION NUMBER: 60/083559

OR APPLICATION NUMBER: 60/083599

OR PILING DATE: 1998-04-29

OR PILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083500

OR FILING DATE: 1998-04-30

OR APPLICATION NUMBER: 60/083742

OR APPLICATION NUMBER: 60/084366

OR FILING DATE: 1998-05-05

OR APPLICATION NUMBER: 60/084414

OR FILING DATE: 1998-05-06

OR APPLICATION NUMBER: 60/084441

OR FILING DATE: 1998-05-06

OR APPLICATION NUMBER: 60/084637

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OR APPLICATION NUMBER: 60/082796
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OR APPLICATION NUMBER: 60/083336
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OR APPLICATION NUMBER: 60/083322
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DR APPLICATION NUMBER: 60/083495

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APPLICATION NUMBER: 60/083545
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APPLICATION NUMBER: 60/081229
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FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081203
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APPLICATION NUMBER: 60/081071
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FILING DATE: 1998-04-01
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FILING DATE: 1998-04-01
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RESULT 107
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R APPLICATION NUMBER: 60/085573

OR FILING DATE: 1998-05-15

OR APPLICATION NUMBER: 60/085704

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OR APPLICATION NUMBER: 60/085697
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DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085689
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085579
DR FILING DATE: 1998-05-15
DR FILING DATE: 1998-05-16
DR APPLICATION NUMBER: 60/085580
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R FILING DATE: 1998-05-13

DR FILING DATE: 1998-05-13

DR APPLICATION NUMBER: 60/085323

DR FILING DATE: 1998-05-13

DR APPLICATION UNBER: 60/085582

DR FILING DATE: 1998-05-15

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OR APPLICATION NUMBER: 60/084598

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OR APPLICATION NUMBER: 60/084600

OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/084627

OR FILING DATE: 1998-05-07

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OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/084643

OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/085339
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17; Conserv
                            Paoni, Nicholas F.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Baker Kevin P.
Botstein, David
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Grimaldi, J. Christopher
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Goddard, Audrey
                                                                                                                                                                                                                                              Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
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                                                                                                               Napier, Mary A.
                                                                                                                                                                                                                                                                                                                                                 Eaton,
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 Williams, P. Mickey
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o. US20030004102A1
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ilarity 85.0%;
Conservative
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ff, Ellen
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C7
CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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OR APPLICATION NUMBER: 60/078086
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
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OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
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FILING DATE: 1998-03-11
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                            NUMBER: 60/081070
                                               NUMBER: 60/080334
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                                                                                       NUMBER: 60/080333
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OR APPLICATION NUMBER: 60/081195
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR FILING DATE: 1998-04-09
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/08191
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819

DATE: 1998-04-08

: 1998-04-08 NUMBER: 60/081071

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RESULT 108
US-09-978-608A-564/c
; Sequence 564, Application US/09978608A
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrar
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C22
CURRENT APPLICATION NUMBER: US/09/978,608A
CURRENT FILING DATE: 2001-10-16
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OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/084643

OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/085339

OR FILING DATE: 1998-05-13

OR APPLICATION NUMBER: 60/085338

OR APPLICATION NUMBER: 60/085338

OR FILING DATE: 1998-05-13

OR APPLICATION NUMBER: 60/08523

OR FILING DATE: 1998-05-13

OR APPLICATION NUMBER: 60/085582

OR APPLICATION NUMBER: 60/085582

OR APPLICATION NUMBER: 60/08569

OR APPLICATION NUMBER: 60/085579
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DR APPLICATION NUMBER: 60/085580
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085573
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085704
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085697
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17; Conserv
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Baker Kevin P.
Botstein, David
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Grimaldi, J. Christopher
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Goddard, Audrey
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                                                                                                                                                                                                     James;
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                                                                                                                   Daniel
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f, Ellen
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Pred. No. 2
                                                                     Transmembrane Polypeptides and Nucleic
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DR FILING DATE: 1998-05-05
R APPLICATION NUMBER: 60/084414
DR FILING DATE: 1998-05-06
DR APPLICATION NUMBER: 60/084441
DR FILING DATE: 1998-05-06
R APPLICATION NUMBER: 60/084637

DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084639
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084640
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084598
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084600

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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/08256
OR APPLICATION NUMBER: 60/08256
OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
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OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/083336
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083392
OR APPLICATION NUMBER: 60/08392
OR APPLICATION NUMBER: 60/08359

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Query Match
Best Local Similarity
Matches 17; Conserva
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                                                                                                                ; OTHER INFORMATION: Synthetic oligonucleotide US-09-978-585A-564
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                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/978,585A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 564
LENGTH: 21
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LENGTH: 21
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                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: Synthetic oligonucleotide probe
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Local Similarity 85.0%;
nes 17; Conservative
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Filvaroff, Ellen
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                                                         Conservative
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Pred. No. 2.1e+02;
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                                                         Mismatches
                                                                                   Length 21;
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PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
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                                FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294
FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
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FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
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FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
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APPLICATION NUMBER: 60/078936
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                  FILING DATE:
                                                                                                                                                                FILING DATE: 1998-03-20
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Gao, Wei-Qiang
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Stewart, Timothy A.
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Grimaldi, J. Christopher
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Kuo, Sophia S.
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i, Nicholas F.
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NUMBER: 60/079664
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f, Ellen
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OR FILING DATE: 1998-03-27

R APPLICATION NUMBER: 60/079689

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APPLICATION NUMBER: 60/080327
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APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-01

APPLICATION NUMBER: 60/081070 FILING DATE: 1998-04-08

APPLICATION NUMBER: 60/080328 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01

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; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
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OR FILING DATE: 2001-07-30
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OR FILING DATE: 1997-11-03
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Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Grimaldi, J. Christopher
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Goddard, Audrey
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Botstein, David
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Ler, Mary A.
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OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR FILING DATE: 1998-04-09
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OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
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OR FILING DATE: 1998-04-15
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     OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081838
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OR APPLICATION NUMBER: 60/082568
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OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
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OR FILING DATE: 1998-04-23
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R APPLICATION NUMBER: 60/080327

DR FILING DATE: 1998-04-01

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FILING DATE: 1998-04-08
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APPLICATION NUMBER: 60/080194
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FILING DATE: 1998-03-31
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079920
FILING DATE: 1998-03-30
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RESULT 112
NS-09-978-564A-564/c
                                                                                              GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin I
APPLICANT: Botstein, Dav
                                                                                                                                                                                Sequence 564, Application US/09978564A Publication No. US20030050241A1
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                                         APPLICANT:
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OR APPLICATION NUMBER: 60/083558
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APPLICATION NUMBER: 60/085704
APPLICATION 1998-05-15
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APPLICATION NUMBER: 60/084627
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APPLICATION NUMBER: 60/084643
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/084414
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                                                         Baker, Kevin P.
Botstein, David
Desnoyers, Luc
Eaton, Dan
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Ferrara, Napoleon
Filvaroff, Ellen
Fong, Sherman
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CURRENT APPLICATION NUMBER: US/09/978,564A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
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OR APPLICATION NUMBER: 60/078910
OR APPLICATION NUMBER: 60/078939
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OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
OR APPLICATION NUMBER: 60/079664
OR APPLICATION NUMBER: 60/079664
OR APPLICATION NUMBER: 60/079664
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OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
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OR APPLICATION NUMBER: 60/079728
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
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OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079920
OR PILING DATE: 1998-03-30
OR FILING DATE: 1998-03-30
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DR APPLICATION NUMBER: 60/066364

DR FILING DATE: 1997-11-21

DR APPLICATION NUMBER: 60/077450

DR FILING DATE: 1998-03-10

PR APPLICATION NUMBER: 60/077632
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FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
FILING DATE: 1998-03-20
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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sen, Mary E.
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OR FILING DATE: 1998-04-09
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OR APPLICATION NUMBER: 60/080107

OR APPLICATION NUMBER: 60/080165

OR FILING DATE: 1998-03-31

OR APPLICATION NUMBER: 60/080194

OR APPLICATION NUMBER: 60/080327

OR FILING DATE: 1998-03-31

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Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Shelton, David L.
Stewart, Timothy A.
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Kljavin, Ivar J.
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, Sophia S.
ler, Mary A.
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APPLICATION NUMBER: 60/083322
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R APPLICATION NUMBER: 60/01
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FILING DATE: 1998-05-13
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FILING DATE: 1998-05-13
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084600
FILING DATE: 1998-05-07
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FILING DATE: 1998-05-15
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Botstein, David
Desnoyers, Luc
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Gerber,
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Grimaldi, J. Christopher
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Goddard, A
                                          Pan,
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Filvaroff, Ellen
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                        Paoni,
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                    James;
i, Nicholas F.
    Margaret Ann
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PRIOR APPLICATION NUMBER: 60/662250
PRIOR APPLICATION NUMBER: 60/662250
PRIOR FILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
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PRIOR PILING DATE: 1997-11-21
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PRIOR PILING DATE: 1998-03-10
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
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CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
OR PELICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
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OR APPLICATION NUMBER: 60/081071
OR APPLICATION NUMBER: 60/081071
OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081203
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NT: Shelton, David L.
NT: Stewart, Timothy A.
NT: Stewart, Timothy A.
NT: Tumas, Daniel
Tumas, Daniel
NT: Williams, P. Mickey
NT: Wood, William I.
P. INVENTION: Secreted and
Privention: Acids Encodi
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Nagier, Mary A.
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Botstein, David
Desnoyers, Luc
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Filvaroff,
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Margaret Ann
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Pred. No. 2.1e+02;
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                Polypeptides
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OR PELLING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-21
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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
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OR APPLICATION NUMBER: 60/081819
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OR APPLICATION NUMBER: 60/081829
OR APPLICATION NUMBER: 60/081952
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OR FILING DATE: 1998-04-15

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FILE REFERENCE: P2630P1C14
CURRENT APPLICATION NUMBER: US/09/978,824
CURRENT FILING DATE: 2001-10-17
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
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PRIOR PILING DATE: 1997-11-03
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APPLICANT: Napler, Mary A.
APPLICANT: Pan, James;
APPLICANT: Pan, James;
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Acids Encoding the Same
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC1
CURRENT APPLICATION NUMBER: US/09/918,585A
CURRENT FILING DATE: 1997-10-73
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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US-09-918-585A-564/c
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PUBLICATION NO. US200300604C
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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Hillan, Kenneth J
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Botstein, David
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RESULT 117
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FITE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C75
CURRENT APPLICATION NUMBER: US/09/999,834A
CURRENT FILING DATE: 2001-10-24
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Gao, Wei-Qiang
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Williams, P. Mickey
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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Sophia S.
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APPLICATION NUMBER: 60/082700

APPLICATION NUMBER: 60/082569 FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22

APPLICATION NUMBER: 60/082568 APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081838

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OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/07963
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APPLICANT: Sneaton, wavid a
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C21
CURRENT APPLICATION NUMBER: US/09/978,423A
CURRENT APPLICATION NUMBER: US/09/978,423A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 00/06250
PRIOR FILING DATE: 1907-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
FRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR APPLICATION NUMBER: 60/06634
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
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Sequence 564, Application US/09978423A
US20030069178A1
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publication No. US200
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APPLICANT: Ashkenazi
APPLICANT: Baker Ke
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Godowski, Paul J
Grimaldi, J. Chr
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Shelton, David L.
Stewart, Timothy A.
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Desnoyers, Luc
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f, Ellen
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DR APPLICATION NUMBER: 60/078910
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APPLICATION NUMBER: 60/085323
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RESULT 119
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CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/06364
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C6
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OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077632
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                                                                   FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078004
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APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/078886
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APPLICATION |
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Baker Kevin P.
Botstein, David
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Godowski, Paul J.
Grimaldi, J. Christopher
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Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Filvaroff,
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o. US20030073624A1
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sen, Mary E.
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f, Ellen
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DR FILING DATE: 1998-03-20
RR APPLICATION NUMBER: 60/078910
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FILING DATE: 1998-04-23
APPLICATION NUMBER: 60/083336
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395 GGCCGAAGGCCCGCAGGGTC
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17; Conserv
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60/081229 60/081203 60/081195 60/081071 60/081049 60/081070 60/080334 60/080333 60/080328 60/080327 60/080194 60/080165 60/080107 60/080105

R FILING DATE: 1998-03
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NUMBER: NUMBER:

1998-03-1998-03-

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DR APPLICATION NUMBER: 60/01
DR FILLING DATE: 1998-04-21
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DR FILLING DATE: 1998-04-22
DR APPLICATION NUMBER: 60/01
DR TILING DATE: 1998-04-22
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60/082700 60/082804 60/082704 60/082569 60/082568

60/082797

R APPLICATION NUMBER: 6
R FILING DATE: 1998-04
R APPLICATION NUMBER: 6
R FILING DATE: 1998-04

NUMBER: 60/081819

60/081952

1998-04-1998-04-

60/081817

1998-04-1998-04-1998-04-

60/081838

: 1998-04-09 NUMBER: 60/

60/081955

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RESULT 120
US-09-999-830A-564/c
; Sequence 564, Application US/09999830A
; Publication No. US20030077700A1
. GENERAL INFORMATION:
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C70
CURRENT APPLICATION NUMBER: US/9/999,830A
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 60/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-10-17
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  OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078910
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
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FILING DATE: 1997-11-03
APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
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APPLICATION NUMBER: 60/078004
FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
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FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
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FILING DATE: 1997-11-21
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Botstein, David
Desnoyers, Luc
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Kuo, Sophia S.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gerritsen, Mary E.
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OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR APPLICATION NUMBER: 60/082804
OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-22
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/082336
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/083326
OR FILING DATE: 1998-04-27
OR APPLICATION NUMBER: 60/083322
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R APPLICATION NUMBER: 60/081071

DR FILING DATE: 1998-04-08

R APPLICATION NUMBER: 60/081195

DR FILING DATE: 1998-04-08

R APPLICATION NUMBER: 60/081203
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DR FILING DATE: 1998-04-01
DR APPLICATION NUMBER: 60/080334
DR FILING DATE: 1998-04-01
DR APPLICATION NUMBER: 60/081070
DR FILING DATE: 1998-04-08
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APPLICATION NUMBER: 60/081838
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APPLICATION NUMBER: 60/082568
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APPLICATION NUMBER: 60/081817
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081819
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APPLICATION NUMBER: 60/081229
FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081955
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APPLICATION WIMBER: 60/080105
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107
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APPLICATION NUMBER: 60/082569
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APPLICATION NUMBER: 60/081952
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FILING DATE: 1998-03-
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RESULT 121
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; Sequence 564, Application US/09978757A
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DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084640
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084598
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
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FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
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APPLICATION NUMBER: 60/083742
FILING DATE: 1998-04-30
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APPLICATION NUMBER: 60/083500
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APPLICATION NUMBER: 60/
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                                                                                                                                                   ch 1.1%;
1 Similarity 85.0%;
17; Conservative
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                                                                                                                                                   Score 15.2; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 3
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                                                                                                                                                                                      Length 21;
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/978,757A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C26
OR APPLICATION NUMBER: 60/07949
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077791
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/07791
OR APPLICATION NUMBER: 60/078004
OR APPLICATION NUMBER: 60/078066
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078936
OR APPLICATION NUMBER: 60/079636
OR APPLICATION NUMBER: 60/079656
OR APPLICATION NUMBER: 60/079664
OR APPLICATION NUMBER: 60/079666
OR APPLICATION NUMBER: 60/079669
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Godowski, Paul J.
Grimaldi, J. Christopher
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            James,
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Ef, Ellen
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APPLICATION N
FILING DATE:

DATE: 1998-03-

1998-03-27 NUMBER: 60/

60/079728 3-27 60/079786

OR APPLICATION NUMBER: 60/079923
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31

APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-30

60/079920

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01

60/080327 4-01 60/080328

APPLICATION NUMBER: 60/080165 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080194 FILING DATE: 1998-03-31

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RESULT 122
US-09-978-187B-564/c
Sequence 564, Application US/09978187B
Publication No. US20030096744A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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OR APPLICATION NUMBER: 60/083500
OR APPLICATION NUMBER: 60/083500
OR APPLICATION NUMBER: 60/083742
OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-05-05
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084441
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084637
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084690
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084600
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084630
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084630
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OR APPLICATION NUMBER: 60/084630
OR APPLICATION NUMBER: 60/085339
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R APPLICATION NUMBER: 6
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R APPLICATION DATE:
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APPLICATION NUMBER: 60/085689
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Pred. No. 2.
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Mismatches 3
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PRIOR

APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081955 FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081817 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15 OR APPLICATION NUMBER: 60/08033
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
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OR APPLICATION NUMBER: 60/081071
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OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081203
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OR APPLICATION NUMBER: 60/081203
OR APPLICATION NUMBER: 60/081203

OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081938
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082704
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OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082796
OR APPLICATION NUMBER: 60/083336
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/083392
OR APPLICATION NUMBER: 60/083392
OR APPLICATION NUMBER: 60/083392
OR APPLICATION NUMBER: 60/083495
OR FILING DATE: 1998-04-29

60/080194

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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembran
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C5
CURRENT APPLICATION NUMBER: US/09/978,1878
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06331
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/07450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-11
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OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077791
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078086
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079664
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
OR APPLICATION NUMBER: 60/079663
OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Fong,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ferrara, Napoleon
Filvaroff, Ellen
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DR APPLICATION NUMBER: 60/081229

DR FILING DATE: 1998-04-09

DR APPLICATION NUMBER: 60/081955

DR APPLICATION NUMBER: 60/081915

DR APPLICATION NUMBER: 60/081817

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DR FILING DATE: 1998-04-15

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DR FILING DATE: 1998-04-15
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APPLICATION NUMBER: 60/082569
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APPLICATION NUMBER: 60/082704
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FILING DATE: 1998-04-01
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FILING DATE: 1998-04-08
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APPLICATION NUMBER: 60/080327
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FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31
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                                                 NUMBER: 60/083558
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NUMBER: 60/083554
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FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/

60/083742

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US-09-978-643A-564/c
; Sequence 564, Application US/09978643A
; Publication No. US20030104998A1
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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Best Local
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DR FILING DATE: 1998-05-15

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DR APPLICATION NUMBER: 60/085704
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FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/085323
FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/
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APPLICATION NUMBER: 60/085338
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APPLICATION NUMBER: 60/085339
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APPLICATION NUMBER: 60/084366
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17; Conserv
Gao, Wel-Viller
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
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Gao, Wei-Qiang
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Eaton, Dan
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Pred. No. 2.1e+02;
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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                                                   Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
                            Williams, P. Mickey Wood, William I.
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Filvaroff,
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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Hillan, Kenneth J
                                                                                                                                                                                                                  Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Gerritsen, Mary E.
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Gao, Wei-Qiang
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Hillan, Kenneth J
                                                                                                                                                        Kljavin, Ivar J.
Kuo, Sophia S.
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                                                                                                                  Paoni,
                                                                                                                                             Napier, Mary A.
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                                                                                                                                James;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sophia S.
                                                                                                             Nicholas F
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Ef, Ellen
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Pred. No. 2.1e+02;
0; Mismatches 3
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APPLICANT: ROY, MATGATET Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILTE REFERENCE: P2630PLC2
CURRENT APPLICATION NUMBER: US/09/978,298A
CURRENT FILING DATE: 2001-0-15
PRIOR APPLICATION NUMBER: 60/06250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-33
PRIOR APPLICATION NUMBER: 60/065311
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-09-978-375A-564
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US-09-978-298A-564/c
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CURRENT APPLICATION NUMBER: US/09/978,375A
CURRENT FILING DATE: 2002-04-19
Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 564, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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ORGANISM: Artificial Sequence
APPLICATION NUMBER: FILING DATE: 1998-03
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17; Conserv
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Botstein, David
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Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ivar J.
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Pred. No. 2.1e+02
); Mismatches
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OR APPLICATION NUMBER: 60/079786
OR APPLICATION NUMBER: 60/079786
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-30
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
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OR APPLICATION NUMBER: 60/080194
                   OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080333
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/081259
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/0818195
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OR APPLICATION NUMBER: 60/079294
OR PAPPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
OR PILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079664
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/078939
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FILING DATE: 1998-03-20
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FILING DATE: 1998-03-13
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CURRENT APPLICATION NUMBER: US/09/978,188A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR FILING DATE: 1998-03-11
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US-09-978-188A-564/c
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C8
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OR APPLICATION NUMBER: 09/918585
OR FILING DATE: 2001-07-30
OR APPLICATION NUMBER: 60/062250
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1997-10-21
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
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OR APPLICATION NUMBER: 60/077791
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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Geritsen, Mar,
Goddard, Audrey
Godowski, Paul J.
Godowski, J. Christopher
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Baker Kevin P
Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Stewart,
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Hillan, Kenneth J
Kljavin, Ivar J.
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APPLICATION NUMBER: 60/083322 FILING DATE: 1998-04-28

APPLICATION NUMBER: 60/083336 FILING DATE: 1998-04-27

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-29

60/083495

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-29

60/083392

APPLICATION NUMBER: 60/083496

PRIOR PRIOR PRIOR

OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/882797
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60/082704

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APPLICATION NUMBER: 60/084627 FILING DATE: 1998-05-07 APPLICATION NUMBER: 60/084643 FILING DATE: 1998-05-07

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OR APPLICATION NUMBER: 60/08
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60/079728 60/079663 60/079689 OR APPLICATION NUMBER: 60/078910
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
OR APPLICATION NUMBER: 60/079294
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OR FILING DATE: 1998-03-26

R FILING DATE: 1998-03-13
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APPLICATION NUMBER: 60/080328
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60/081838 60/081952 60/081819 60/081817 60/081955 60/081229 60/081203 60/081195 60/081071 60/081049

Query Match

1.1%; Score 15.2; ВB 1; Length 21;

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APPLICANT: WILLIAMS, P. Mickey
APPLICANT: WOOd, Williams I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: p2630F1C18
CURRENT APPLICATION NUMBER: US/09/978,681A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/91895
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06311
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Baker Kevin P.
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PR APPLICATION NUMBER: 60/082569

PR FILING DATE: 1998-04-21

PR APPLICATION NUMBER: 60/082704

PR FILING DATE: 1998-04-22

PR APPLICATION NUMBER: 60/082804

PR FILING DATE: 1998-04-22

PR APPLICATION NUMBER: 60/082700

PR APPLICATION NUMBER: 60/082797

PR APPLICATION NUMBER: 60/082797

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R APPLICATION NUMBER: 60/081203

DR FILING DATE: 1998-04-09

DR APPLICATION NUMBER: 60/081229

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APPLICATION NUMBER: 60/080333
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APPLICATION NUMBER: 60/082796
FILING DATE: 1998-04-23
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
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OR APPLICATION NUMBER: 60/06250
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077791
OR APPLICATION NUMBER: 60/07791
OR APPLICATION NUMBER: 60/07791
OR APPLICATION NUMBER: 60/078004
OR APPLICATION NUMBER: 60/078004
OR APPLICATION NUMBER: 60/078936
OR APPLICATION NUMBER: 60/078939
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079666
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-26
OR APPLICATION NUMBER: 60/079656
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OR APPLICATION NUMBER: 60/079656
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INVENTION: Secreted and Transmembrane Polypeptides and Nucleic INVENTION: Acids Encoding the Same
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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Hillan, Kenneth J
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i, Nicholas
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f, Ellen
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, Luc
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R APPLICATION NUMBER: 60/0
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APPLICATION NUMBER: 6 FILING DATE: 1998-03-

60/079728 60/079663 60/079689

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RESULT 129
US-09-999-829A-564/c
US-09-999-829A-564/c
US-09-999-829A
; Publication No. US20030195344A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
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OR APPLICATION NUMBER: 60/085700
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OR APPLICATION NUMBER: 60/085580
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OR APPLICATION NUMBER: 60/085573
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OR APPLICATION NUMBER: 60/083554
OR PILING DATE: 1998-04-29
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084630
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/0846330
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085330
OR APPLICATION NUMBER: 60/085330
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083499
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083545
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85.0%;
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Pred. No. 2
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PRIOR

OR PILICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
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OR APPLICATION NUMBER: 60/08033
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-08
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OR FILING DATE: 1998-03-31
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OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
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OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704

NR APPLICATION NUMBER: 60/08
RR FILING DATE: 1998-04-22
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NR APPLICATION NUMBER: 60/08
RR FILING DATE: 1998-04-22
NR APPLICATION NUMBER: 60/08
NR FILING DATE: 1998-04-23
NR APPLICATION NUMBER: 60/08
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NR FILING DATE: 1998-04-28
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60/083392 60/083322 60/083336 60/082796 60/082797 60/082700 60/082804

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Query Match
Best Local Similarity
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-829A-564
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US-09-978-299A-564/c
                                                                                                                                                                                                                                                                                                Sequence 564, Appublication No. GENERAL INFORMAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prior Application removed - See File Wrapper or Palm
SEQ ID NO 564
LENGTH: 21
                                                                                APPLICANT:
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P263091C61
CURRENT APPLICATION NUMBER: US/09/999,829A
CURRENT FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 624
NUMBER OF SEQ ID NOS: 624
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TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                           395 GGCCGAAGGCCCGCAGGGTC 414
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                                                             Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                                                                                                                                                                 Ashkenazi, Avi
Baker Kevin P.
Gurney, Austin L. Hillan, Kenneth J Kljavin, Ivar J. Kuo, Sophia S.
                                                                                                                                     Fong, but Gao, Wei-Qiang
                                                                                                                                                                                Filvaroff, Ellen
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Williams, P. Mickey
Wood, William I.
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Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Grimaldi, J. Christopher
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Botstein, David
                                                                                                                                                                                                                     Eaton,
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                                                                                                                                                                                                                                                  Botstein, David
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o. US20030199435A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sophia S
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                                                                                                                                                                                                                   Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Nicholas F.
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f, Ellen
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Pred. No. 2.1e+02
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CURRENT APPLICATION NUMBER: US/09/978,299A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
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PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080194

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080327

DR FILING DATE: 1998-04-01

DR APPLICATION NUMBER: 60/080328
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APPLICATION NUMBER: 60,
FILING DATE: 1998-03-20
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FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080165
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079786
FILING DATE: 1998-03-27
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APPLICATION NUMBER: 60/079689
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663
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FILING DATE: 1998-03-20
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FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/078004
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-31
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Stewart, Timothy A.
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OR FILING DATE: 1998-04-29
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
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OR APPLICATION NUMBER: 60/084366
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
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OR FILING DATE: 1998-05-06
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OR APPLICATION NUMBER: 60/083496
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OR FILING DATE: 1998-04-23
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OR APPLICATION NUMBER: 60/083322
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APPLICATION NUMBER: 60/082704
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082804
FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/083392
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FILING DATE: 1998-04-15
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FILING DATE: 1998-04-15
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60,
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APPLICATION NUMBER: 60/081070
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Matches 17
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OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085323
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OR FILING DATE: 1998-05-07
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
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APPLICATION NUMBER: 60/084640
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FILING DATE: 1998-05-07
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l Similarity 85.0%;
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Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A
Tumas, Daniel
                                                                                        Pan,
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Gerritsen, Mary E.
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                                                                       James;
i, Nicholas
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Ef, Ellen
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CURRENT FILING DATE: 2002-03-19
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted
TITLE OF INVENTION: Acids Er
FILE REFERENCE: P2630P1C13
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OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
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OR APPLICATION NUMBER: 60/066364
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FILING DATE: 1998-03-20
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OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084640
OR APPLICATION NUMBER: 60/084649
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DR APPLICATION NUMBER: 60/081049
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DR APPLICATION NUMBER: 60/081071
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DR APPLICATION NUMBER: 60/081229
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APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Napier, Mary A.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Scewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, Williams, P. Mickey
APPLICANT: Wood, Williams I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Baker Kevin P.
APPLICANT: Botscein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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US-09-978-665A-564/c
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  TITLE OF INVENTION: Acids Encoding the Sal
FILE REFERENCE: P2630P1C19
CURRENT APPLICATION NUMBER: US/09/978,665A
CURRENT FILING DATE: 2001-10-16
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RR APPLICATION NUMBER: 60/01
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FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/085573
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Botstein, David
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APPLICATION NUMBER: 60/066364
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OR APPLICATION NUMBER: 60/084640

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OR APPLICATION NUMBER: 60/084600

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DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083742
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DR APPLICATION NUMBER: 60/084366
DR FILING DATE: 1998-05-05
DR APPLICATION NUMBER: 60/084414
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APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C20
CURRENT APPLICATION NUMBER: US/09/978,802A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1907-10-17
PRIOR APPLICATION NUMBER: 60/06249
PRIOR FILING DATE: 1997-11-03
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Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
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Kuo, Sophia S.
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Grimaldi, J. Christopher
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Gerritsen, Mary E
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Hillan, Kenneth J
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OR APPLICATION NUMBER: 60/080327
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DR FILING DATE: 1998-03-13
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OR APPLICATION NUMBER: 60/066364
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APPLICATION NUMBER: 60/079664
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FILING DATE: 1998-03-20
                                                          NUMBER: 60/081955
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PRIOR

APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27

FILING DATE: 1998-03-APPLICATION NUMBER: 6
FILING DATE: 1998-03-

R APPLICATION NUMBER: 60/0: R FILING DATE: 1998-03-30 R FILING DATE: 1998-03-30 R FILING DATE: 1998-03-30 R APPLICATION NUMBER: 60/08

FILING DATE: 1998-03-APPLICATION NUMBER: 6 ATION NUMBER: 6 DATE: 1998-03-

R APPLICATION NUMBER: 60/08
RR FILING DATE: 1998-04-08
RR APPLICATION NUMBER: 60/08
RR FILING DATE: 1998-04-09
RR APPLICATION NUMBER: 60/08
RR FILING DATE: 1998-04-09
RR APPLICATION NUMBER: 60/08
RR FILING DATE: 1998-04-15
RR FILING DATE: 1998-04-15

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Query Match
Best Local Similarity
""- hes 17; Conserve
                                                                              ; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-831A-564
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                                                                                                                                           TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C68 CURRENT APPLICATION NUMBER: US/09/999,831A CURRENT FILING DATE: 2002-03-25 NUMBER OF SEQ ID NOS: 624 Prior Application removed - See File Wrapper or Palm SEQ ID NO 564 LENGTH: 21 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local
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APPLICANT:
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                                                                                                                           ORGANISM: Artificial Sequence
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                                                                                                            FEATURE:
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OR APPLICATION NUMBER: 60/085689
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085579
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08573
OR APPLICATION NUMBER: 60/085704
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17; Conserv
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Williams, P. Mickey
Wood, William I.
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Hillan, Kenneth J
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Kljavin, Ivar J.
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                  Conservative
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er, Mary A.
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Pred. No. 2.1e+02;
                Score 15.2; DB 1; Length 21; Pred. No. 2.1e+02; O; Mismatches 3; Indels
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US-10-167-749-564/c
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                                                                                             GENERAL INFORMATION:
APPLICANT: Ashkenaz
APPLICANT:
APPLICANT:
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-017-081A-564
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US-10-017-081A-564/c
                                                                                                                                                                                                         Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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Publication N
                                                                                            Query Match
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APPLICANT: Shelton, David L.
APPLICANT: Stewart, Thouthy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C69
CURRENT APPLICATION NUMBER: US/10/017,081A
CURRENT FILING DATE: 2002-04-30
CURRENT FILING DATE: 2002-04-30
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                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                             TYPE: DNA
                              395 GGCCGAAGGCCCGCAGGGTC 414
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                                                                             Similarity 85.0%;
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GGCCGGAGGCCTTCAGGGTC 1
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Hillan, Kenneth J
Kijavin, Ivar J.
Kuo, Sophia S.
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Grimaldi, J. Christopher
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Desnoyers, Luc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ran,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Goddard, Audrey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Fong,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ferrara, Napoleon
Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eaton, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gerber, Hanspeter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/10017081A
o. US20030049684A1
                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          James
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Nicholas F
                                                            0; Mismatches
                                                                             Score 15.2; DB 1;
Pred. No. 2.1e+02;
                                                                                              DB 1;
                                                                                            Length 21;
                                                                                                                                                                                                                                                                                                                                             and Nucleic
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                                                              Gaps
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Ashkenazi, Avi

Baker Kevin P.

Ferrara, Napoleon Filvaroff, Ellen Desnoyers, Luc Eaton, Dan Botstein, David

Sherman

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RESULT 137
US-10-013-921A-564/c
US-10-013-921A-564/c
; Sequence 564, Application US/10013921A
; Publication No. US2003006864BA1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P160
CURRENT APPLICATION NUMBER: US/10/167,749
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 00/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/07450
PRIOR APPLICATION NUMBER: 60/07450
PRIOR APPLICATION NUMBER: 60/07450
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/07761
PRIOR APPLICATION NUMBER: 60/07761
PRIOR APPLICATION NUMBER: 60/07761
PRIOR APPLICATION NUMBER: 60/07764
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US-10-167-749-564
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SEQ ID NO S64
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                               1.1%;
Local Similarity 85.0%;
hes 17; Conservative
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Hillan, Kenneth J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Paoni,
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APPLICANT: Goddard, Audrey
APPLICANT: Goddwski, Paul J.
APPLICANT: Goddwski, Paul J.
APPLICANT: Goddwski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Roy, Margaret Ann
APPLICANT: Stelton, David L.
APPLICANT: Stelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, Williams I.
APPLICANT: Wood, William I.
APPLICANT: Fling David Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Secreted Polypeptides Application Number: US/10/013,921A
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
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DR APPLICATION NUMBER: 60/079689
DR FILING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079663
DR FILING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079728
DR FILING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079786
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APPLICATION NUMBER: 60/079294
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APPLICATION NUMBER: 60/079656
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FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/078939
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FILING DATE: 1998-03-13
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Filvaroff, Ellen
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DR FILING DATE: 1998-03-30
R APPLICATION NUMBER: 60/079923
DR FILING DATE: 1998-03-30
DR APPLICATION NUMBER: 60/080105
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080107
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080165

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RESULT 138
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084598
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DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083500
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083742
DR FILING DATE: 1998-04-30
DR APPLICATION NUMBER: 60/084366
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R APPLICATION NUMBER: 60/085700

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FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
FILING DATE: 1998-05-06
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APPLICATION NUMBER: 60/085580
FILING DATE: 1998-05-15
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Fong, Successions Gao, Wei-Qiang Garber, Hanspeter Gerber, Mary E.
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Baker Kevin P.
Botstein, David
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                                                                       Filvaroff, Ellen
                                                                                                         Eaton, Dan
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DR APPLICATION NUMBER: 60/081817
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
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OR APPLICATION NUMBER: 60/08268
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
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OR FILING DATE: 1998-04-22
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APPLICAMI: Timas Daniel Colored Print Chey APPLICAMI: ANDIES Daniel Chey APPLICAMI: Williams JP Mickey APPLICAMION MARKER: U9/10/013,929A URLEWIT INIUM DATE: 2001-07-30 PRIOR FILING DATE: 2001-07-30 PRIOR FILING DATE: 1997-01-17 PRIOR APPLICAMION NUMBER: 60/06250 PRIOR FILING DATE: 1997-01-17 PRIOR PRIOR PLING DATE: 1998-01-17 PRIOR PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PRIOR PLING DATE: 1998-01-20 PRIOR PLING DATE: 1998-01-20 PRIOR PRIOR PLING DATE: 1998-01-30 PRIOR PLING DATE: 1998-01-30 PRIOR PRIOR PLING DATE: 1998-01-30 PRIOR PLING DATE: 1998-01
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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J. Christopher
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OR APPLICATION NUMBER: 60/081952
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082569
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR APPLICATION NUMBER: 60/082804
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OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081955
OR APPLICATION NUMBER: 60/081817
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DR FILING DATE: 1998-04-23
DR APPLICATION NUMBER: 60/08336
DR FILING DATE: 1998-04-27
DR APPLICATION NUMBER: 60/083322
DR FILING DATE: 1998-04-28
DR APPLICATION NUMBER: 60/083392
DR APPLICATION NUMBER: 60/083495
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APPLICATION NUMBER: 60/083499
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APPLICATION NUMBER: 60/083496
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APPLICATION NUMBER: 60/081071
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081195
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APPLICATION NUMBER: 60/081049
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/081070
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FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/ FILING DATE: 1998-05-06 APPLICATION NUMBER: 60/084414

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60/084441

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RESULT 139
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Best Local Similarity
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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OR APPLICATION NUMBER: 60/084643
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085338
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APPLICATION NUMBER: 60/
FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/085689
FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/085700
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FILING DATE: 1998-05-15
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                                                                                                           Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                                                                                                                                                                                Fong,
                                                  Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                                                                               Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                              Filvaroff, Ellen
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                          Kljavin,
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Pred. No. 2.1e+02;
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US-10-176-422A-4
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                                                                                                                                              US-10-176-422A-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/10176422A Publication No. US20030087271A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 16
SOFTWARE: Microsoft Office 97
SEQ ID NO 4
                                                                    Best Local Similarity Matches 17; Conserv
                                                                                                        Query Match
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APPLICANT: Hendrickson, Edwin R
APPLICANT: Hendrickson, Edwin R
APPLICANT: Fitzpatrick-McElligott, Sandra
APPLICANT: Perry, Michael p
TITLE OF INVENTION: A Method for the Amplification and Detection of TITLE OF INVENTION: Nucleic Acid Fragment of Interest
FILE REFERENCE: CR-9806 US CNT
CURRENT APPLICATION NUMBER: US/10/176,422A
CURRENT FILING DATE: 2002-08-13
PRIOR APPLICATION NUMBER: 09/125832
PRIOR FILING DATE: 1998-08-26
PRIOR FILING DATE: 1998-08-26
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TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C90
CURRENT APPLICATION NUMBER: US/10/016,177A
CURRENT FILING DATE: 2002-04-30
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                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Primer
                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                   ENGTH:
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 CGGCTTGCCCTGGAGATTGA 21
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Stewart, Timothy A.
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85.0%;
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                                                                                         Score 15.2; DB 1
Pred. No. 2.1e+02
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Pred. No. 2
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                                                                                                              DB 1;
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                                                                                                          Length 21;
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RESULT 141
US-10-166-709A-564/c
US-10-166-709A-564/c
; Sequence 564, Application US/10166709A
; Publication No. US20030104536A1
; GENERAL INFORMATION:

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APPLICANT: Pan. James; A. PAPLICANT: Pan. James; A. PAPLICANT: Pan. James; A. PAPLICANT: Roy, Margaret Ann APPLICANT: Shelton, David L. APPLICANT: Stewart, Tinorthy A. APPLICANT: Stewart, Tinorthy A. APPLICANT: Williams; P. Mickey APPLICANT: Wood, William; P. Mickey APPLICANT: Williams; P. Mickey APPLICAN
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  DR APPLICATION UMBER: 60/079664
DR FILING DATE: 1998-03-27
PR APPLICATION NUMBER: 60/079689
DR FILING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079663
DR APPLICATION NUMBER: 60/079728
DR APPLICATION NUMBER: 60/079728
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Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Gerber,
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Ferrara,
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OR APPLICATION NUMBER: 60/081070
OR PILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081049
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR FILING DATE: 1998-04-09
OR FILING DATE: 1998-04-09
OR FILING DATE: 1998-04-09
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082707
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DR APPLICATION NUMBER: 60/080165

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080194

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR APPLICATION NUMBER: 60/083496
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083499
OR APPLICATION NUMBER: 60/083499
OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
OR FILING DATE: 1998-04-29
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RR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334
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APPLICATION NUMBER: 60/
FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107
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RESULT 142
US-10-143-031A-564/c
Sequence 564, Application US/10143031A
Publication No. US20030138439A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botatein, David
APPLICANT: Botatein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Eaton, Dan
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Best Local S
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DR FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/085700

DR FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/085689

DR FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/085579

DR APPLICATION NUMBER: 60/085579
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FILING DATE: 1998-05-13
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084643
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084600
FILING DATE: 1998-05-07
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FILING DATE: 1998-05-07
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FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
FILING DATE: 1998-05-06
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FILING DATE: 1998-05-15
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Ferrara, Napoleon
Filvaroff, Ellen
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Pred. No. 2.1e+02;
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APPLICANT: Ashkenazi, Avi APPLICANT: Baker Kevin P. APPLICANT: Botstein, David APPLICANT: Desnoyers, Luc

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RESULT 143
US-10-143-030A-564/c
; Sequence 564, Application US/10143030A
; Sequence 564, DS20030147901A1
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APPLICANT: Stewart, Timothy A.
APPLICANT: Thumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams I.
TITLE OF INVENTION: Secreted and Transmembrane Pol
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C3
CURRENT APPLICATION NUMBER: US/10/143,031A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
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US-10-143-031A-564
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Best Local 9
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LENGTH: 21
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APPLICANT:
APPLICANT:
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APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
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FILING DATE: 1997-11-21
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17; Conserv
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Shelton, David L.
Stewart, Timothy A.
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Gao, Wei-Qiang
Gerber, Hanspeter
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Pred. No. 2.1e+02
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C33
CURRENT APPLICATION NUMBER: US/10/143,030A
CURRENT FILING DATE: 2002-08-27
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-10
RESULT 144
US-10-002-967A-564/c
; Sequence 564, Application US/10002967A
; Publication No. US20030148373A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
                                                                                                                                                                                                                                                                                                             US-10-143-030A-564
                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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FILING DATE: 1998-03-11
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17; Conserv
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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f, Ellen
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PELICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C72
CURRENT APPLICATION NUMBER: US/10/002,967A
CURRENT FILING DATE: 2001-10-24
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OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/078886
OR FILING DATE: 1998-03-20
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OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079689
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663
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FILING DATE: 1998-03-25
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APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
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FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078910
                                                                                                     APPLICATION NUMBER: 60/079664
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FILING DATE: 1998-03-26
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Gao, Wei-Qiang
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Kuo, Sophia S.
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Hillan, Kenneth J
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Godowski, Paul
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Gerritsen, Mary E.
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Botstein, David
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DR APPLICATION NUMBER: 60/080105
DR APPLICATION NUMBER: 60/080107
DR APPLICATION NUMBER: 60/080107
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080165
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080194
DR APPLICATION NUMBER: 60/080194
DR APPLICATION NUMBER: 60/08027
DR APPLICATION NUMBER: 60/080327
DR APPLICATION NUMBER: 60/080327
DR FILING DATE: 1998-04-01

FILING DATE: 1998-03-30 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-30

60/079923

APPLICATION NUMBER: 60/079786
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079920
FILING DATE: 1998-03-30

OR APPLICATION NUMBER: 60/01
REFILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/01
OR APPLICATION NUMBER: 60/01
OR APPLICATION NUMBER: 60/01
OR FILING DATE: 1998-04-08

60/081070 60/080334 60/080333 60/080328

60/081049

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01

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RESULT 145
US-10-017-083A-564/c
; Sequence 564, Application US/10017083A
; Sequence 564, US20030148376A1
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OR APPLICATION NUMBER: 60/083558
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083559
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083500
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-05-05
OR APPLICATION NUMBER: 60/084366
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084441
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084637
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084690
OR APPLICATION NUMBER: 60/084693
OR APPLICATION NUMBER: 60/085339
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DR APPLICATION NUMBER: 60/085579
DR APPLICATION NUMBER: 60/085580
DR APPLICATION NUMBER: 60/085580
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085573
DR APPLICATION NUMBER: 60/085704
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17; Conservative
                                                                           Ashkenazi, Avi
Baker Kevin P.
Botstein, David
Bosnoyers, Luc
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                      Ferrara, Napoleon Filvaroff, Ellen
                                                              Eaton, Dan
    Sherman
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0; Mismatches
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Pred. No. 2
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OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR APPLICATION NUMBER: 60/081938
OR APPLICATION NUMBER: 60/081838
OR APPLICATION NUMBER: 60/081838
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09

APPLICATION NUMBER: 60/081071 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081195 FILING DATE: 1998-04-08

OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/082796
OR FILING DATE: 1998-04-23

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APPLICATION NUMBER: 60/ FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-21

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1998-04-29 1998-04-28 1998-04-27

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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/08

60/083545 60/083499 60/083496 60/083495 60/083392 60/083322 60/083336

60/083554

Gao, Wei-Qiang

Hanspeter

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; TYPE: DNA
; ORANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-083A-564
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US-10-145-128A-564/c
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CURRENT FILLING DATE: 2001-10-24
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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Publication No. US20
GENERAL INFORMATION
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Best Local (
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APPLICANT: Baker Kevin P
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l Similarity 85.0%;
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Williams, P. Mickey
Wood, William I.
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Botstein, David
Desnoyers, Luc
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Shelton, David L.
Stewart, Timothy A.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Gerritsen, Mary E.
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Filvaroff, Ellen
                                                                                              Kljavin, Ivar J.
Kuo, Sophia S.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Grimaldi, J. Christopher
                                                Paoni, Nicholas F.
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                                                                               Napier, Mary A.
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CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR PRILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/06364
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1997-11-20
PRIOR PILING DATE: 1998-10-20
PRIOR FILING DATE: 1998-03-10
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SEQ ID NO 564
LENGTH: 21
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gerritsen, Mary E.
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Botstein, David
Paoni, Nicholas F.
Roy, Margaret Ann
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Kuo, Sophia S.
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Filvaroff, Ellen
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                                             James;
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85.0%; Pred. No. 2.1e+02;
tive 0; Mismatches 3
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CURRENT APPLICATION NUMBER: US/10/017,191A
CURRENT FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/063311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P263091C62
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OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR APPLICATION NUMBER: 60/080105
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080328
OR APPLICATION NUMBER: 60/080333
OR FILING DATE: 1998-04-01
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DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078910
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078939
DR FILING DATE: 1998-03-20
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/079294
DR APPLICATION NUMBER: 60/079294
DR APPLICATION NUMBER: 60/079656
DR APPLICATION NUMBER: 60/079656
DR APPLICATION NUMBER: 60/079656
DR FILING DATE: 1998-03-26
DR FILING DATE: 1998-03-26
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   DR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/08188
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OR APPLICATION NUMBER: 60/082568
DR FILING DATE: 1998-04-21
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OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082704
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OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/084414
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APPLICATION NUMBER: 60/084598

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APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav.
APPLICANT: Desnoyers, Lu
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OR APPLICATION NUMBER: 60/085699
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OR APPLICATION NUMBER: 60/085579
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08573
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R APPLICATION NUMBER: 60/00
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/08582
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/085339
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                        Williams, F. Pit., Wood, William I.
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Botstein, David
Desnoyers, Luc
                                           Tumas, Daniel
Williams, P. Mickey
                                                                                     Roy, Margaret Ann
Shelton, David L.
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Gurney, Austin L.
Hillan, Kenneth J
                                                                        Stewart, Timothy A.
                                                                                                                   Paoni,
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Filvaroff, Ellen
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Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
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Pred. No. 2.
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065364
PRIOR APPLICATION NUMBER: 60/07450
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1998-03-10
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APPLICANT: Ashkenazi
APPLICANT: Baker Ke
APPLICANT: Botstein
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US-10-143-029A-564/c
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LENGTH: 21
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
                                                                                                         APPLICANT
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APPLICATION NUMBER: 60/077641
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Similarity 85.0%;
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Gerritsen, Mary E.
Geddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Gao, Wei-Qiang
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Filvaroff, Ellen
                              Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Botstein, David
                                                                                       Paoni, Nicholas F
                                                                                                         Pan, James;
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             Daniel
P. Mickey
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Pred. No. 2.1e+02;
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INVENTION: Accreted and Transmembrane Polypeptides and Nucleic INVENTION: Acids Encoding the Same
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APPLICATION NUMBER: 60/084627

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RESULT 150
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APPLICANT:
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C31
CURRENT APPLICATION NUMBER: US/10/145,089A
CURRENT FILING DATE: 2002-09-04
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APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
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APPLICATION NUMBER: 60/084643
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/085339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/085580 FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/085573
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FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/085704
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Similarity 85.0%;
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Botstein, David
Desnoyers, Luc
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                                                                                                                                   Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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                                                                                                                                                                                          Paoni,
                                                                                                                                                                                                                      Kuo, Sophia S.
Napier, Mary A.
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Hillan, Kenneth J
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                                                                                                                                                                                                          James;
                                                                                                                                                                                          Nicholas F.
                                                                                                                                                                                                                                                           Ivar J.
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Pred. No. 2.1e+02;
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Best Local Similarity
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Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 21
TYPE: DNA
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OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR PILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
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APPLICATION NUMBER: 60/077791
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                                                   Tumas, Daniel Williams, P. Mickey Wood, William I.
                                                                                                Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Cao, Wei-Qiang
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Godowski, Paul J
Grimaldi, J. Christopher
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Hillan, Kenneth J
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Gerritsen, Mary E.
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                                                                                                                                                     Paoni, Nicholas F.
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                                                                                                                                                                                                                     Kljavin,
                                                                                                                                                                                                                                                                                                                                                                                                                                     Desnoyers, Luc
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                                                                                                                                                                                                     Sophia S.
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f, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.1%;
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Pred. No. 2.1e+02
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ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe US-10-165-067A-564
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US-10-145-017A-564/c
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PRIOR FILING DATE: 2001-07-30
PRIOR REPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 564, Application US/10145017A Publication No. US20030186365A1 GENERAL INFORMATION:
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Best Local
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SEQ ID NO 564
LENGTH: 21
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APPLICANT:
APPLICANT:
APPLICANT:
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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                                          APPLICANT:
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TYPE: DNA
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hes 17; Conservative
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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Tumas, L. Yumas, P. P. Milliams, P. P. Milliams, P. P. Milliam I.
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Shelton, David L.
Stewart, Timothy A.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Desnoyers, Luc
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                                                                                                                              Paoni,
                                                                                                     Margaret Ann
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                                                                                                                                             James;
                                      , Daniel
                                                                                                                                                                                                                                                                                                                                                   Sherman
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Pred. No. 2.1e+02;
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PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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SEQ ID NO 564
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 564,
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APPLICANT:
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PRIOR FILING DATE: 2001-07-30
                                                                                                                                             APPLICANT
   APPLICANT
                      APPLICANT
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OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077791
OR FILING DATE: 1998-03-12
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FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
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Paoni, Nicholas F.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
                                                                                  Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Grimaldi, J. Christopher
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Hillan, Kenneth J
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Gerritsen, Mary E
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Filvaroff, Ellen
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o. US20030186368A1
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                                                                         James;
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85.0%; Pred. No. 2.1e+02
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-728A-564
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US-10-013-926A-564/c
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CURRENT APPLICATION NUMBER: US/10/164,728A

CURRENT FILING DATE: 2001-10-19

PRIOR APPLICATION NUMBER: 09/918585

PRIOR APPLICATION NUMBER: 09/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/64249

PRIOR FILING DATE: 1997-11-03

PRIOR PILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/06311

PRIOR APPLICATION NUMBER: 60/06364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/066364

PRIOR APPLICATION NUMBER: 60/066364

PRIOR APPLICATION NUMBER: 60/077450

PRIOR APPLICATION NUMBER: 60/077450
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SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 564, Application US/10013926A Publication No. US20030187241A1
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Best Local :
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APPLICANT: Ashkenazi, Avi
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-12
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                                           PPLICANT:
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.1%;
Local Similarity 85.0%;
es 17; Conservarion
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                                                                                             Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Botstein, David
Desnoyers, Luc
                                  Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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                                                                                                                                                                                                   Gerber, Hanspeter
Gerritsen, Mary E.
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Paoni, Nicholas F
                                                                                                                                                                                                                                                                                                                                   Eaton, Dan
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                   James;
                                                                                                                                                                                                                                                                      Sherman
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Pred. No. 2.1e+02;
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GENERAL INFORMATION

APPLICANT: Ashkenazi, Avi

Baker Kevin P. Botstein, David

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APPLICANT: APPLICANT: APPLICANT: APPLICANT:

APPLICANT:

APPLICANT:

APPLICANT:

Ferrara, Napoleon Filvaroff, Ellen

Eaton, Dan Desnoyers, Luc

APPLICANT:

Fong,

Sherman

Wei-Qiang

APPLICANT:

APPLICANT

Sophia S

APPLICANT: APPLICANT:

Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grinaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.

APPLICANT

Sequence 564, Application US/10165247A Publication No. US20030190321A1

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US-10-165-247A-564/c
                     RESULT 155
                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Synthetic oligonucleotide probe 
US-10-013-926A-564
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
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SEQ ID NO 564
                                                                                                                                                                      Matches
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Best Local (
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APPLICANT:
APPLICANT:
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PRIOR
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Secreted and Transmembrane TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C80
                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1998-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                      LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             R APPLICATION NUMBER: 60/066364
R FILING DATE: 1997-11-21
R APPLICATION NUMBER: 60/077450
                                                                                                                          395 GGCCGAAGGCCCGCAGGGTC 414
                                                                                    20 GGCCGGAGGCCTTCAGGGTC 1
                                                                                                                                                                      17;
                                                                                                                                                                                       h 1.1%;
Similarity 85.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Williams, P. Mickey
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                                                                                                                                                                   Conservative
                                                                                                                                                                   0,
                                                                                                                                                                                       Score 15.2; DB 1;
Pred. No. 2.1e+02;
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Remaining Prior Application data removed - See File NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANIEM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-247A-564
                                                                                                                                                                                                                                                                                                                                                 RESULT 156
US-10-145-124A-564/c
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065364
PRIOR APPLICATION NUMBER: 60/066364
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                           Sequence 564, Application US/10145124A Publication No. US20030190701A1 GENERAL INFORMATION:
                                                                                              APPLICANT:
                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                              APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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APPLICANT:
APPLICANT:
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C41
                                                                              APPLICANT:
                                                            APPLICANT:
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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FILING DATE: 1998-03-12
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FILING DATE: 1998-03-11
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
                                                                          Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
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Eaton, Dan
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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                                                                                                                                    Fong,
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Pred. No. 2.1e+02;
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US-10-160-502A-564/c
US-110-160-502A-564/c
Sequence 564, Application US/10160502A
Publication No. US20030190703A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic oligonucleotide US-10-145-124A-564
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PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-10
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data ren
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
                                                                                                                                                                                                                                      GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C44
    APPLICANT
                                                            APPLICANT:
                      APPLICANT:
                                        APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
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17; Conserv
            Fong, Snerman
Gao, Wei-Qiang
Gerber, Hanspeter
Gerber, Mary E.
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Baker Kevin P.
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Shelton, David L.
Stewart, Timothy A.
                                                                                              Ferrara, Napoleon
Filvaroff, Ellen
    Gerritsen, Mary Goddard, Audrey
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                                                                                                                                                                            Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hillan, Kenneth
Kljavin, Ivar J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application data removed -
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Pred. No. 2.1e
0; Mismatches
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?.1e+02;
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Length Indels

0

Gaps

Godowski, Paul J.

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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-160-502A-564
                                                                                                                                                                                                                                                                                  RESULT 158
US-10-145-087A-564/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/160,502A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/063311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
                                                               APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Bottein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Feirara, Nappleon
                                                                                                                                                                                                                                 Sequence 564, Application US/10145087A Publication No. US20030194410A1
                                                                                                                                                                                                               GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 1.1%;
Best Local Similarity 85.0%;
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
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FILE REFERENCE: P2630P1C57
                                              APPLICANT:
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                                                                                                                                                                                                               INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                         395 GGCCGAAGGCCCGCAGGGTC 414
                                                                                                                                                                                                                                                                                                                                                                                 20 GGCCGGAGGCCTTCAGGGTC 1
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Kuo, Sophia S.
Fong, Sherman
Gao, Wei-Qiang
                                            Filvaroff, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ivar J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0,
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APPLICANT: Williams, P. Mickey
APPLICANT: WOOd, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P167
CURRENT APPLICATION NUMBER: US/10/145,087A
CURRENT APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-10
PRIOR PRICE DATE: 1998-03-10
                                                                                                                                                                                                                                          Remaining Prior Application data removed - See File NUMBER OF SEQ ID NOS: 624

SEQ ID NO 564

LENGTH: 21

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe US-10-145-087A-564
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US-10-017-086A-564/c
                   RESULT 159
                                                                                                                                                                    Query Match
                                                                                                                                                                  Matches
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PRIOR FILING DATE: 1998-03-12
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
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                                                                                                                         395 GGCCGAAGGCCCGCAGGGTC 414
                                                                                   20 GGCCGGAGGCCTTCAGGGTC 1
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Stewart, Timothy A.
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Grimaldi, J. Christopher
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Kuo, Sophia S.
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Hillan, Kenneth J
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                                                                                                                                                                                   1.1%; Score 15.2; DB 1; 85.0%; Pred. No. 2.1e+02;
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                                                                                                                                                                  0;
                                                                                                                                                                  Mismatches
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Sequence 564, Application US/10017086A Publication No. US20030194744A1 GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi APPLICANT: Baker Kevin P. APPLICANT: Botstein, David APPLICANT: Desnoyers, Luc

APPLICANT:

Desnoyers, Luc Eaton, Dan Ferrara, Napoleon

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US-10-164-829A-564/c
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Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                                                                                 Sequence 564, Applic publication No. US20 GENERAL INFORMATION:
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APPLICANT:
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                       Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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                                                      Kljavin, Ivar J.
Kuo, Sophia S.
                                                                                   Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                                                                                                Ferrara, Napoleon Filvaroff, Ellen
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                                         Napier, Mary A.
                                                                                                               Godowski, Paul J.
Grimaldi, J. Christopher
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Paoni, Nicholas F.
Roy, Margaret Ann
                             Pan, James;
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                                                                                                                                                                                                                                            Eaton, Dan
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o. US20030194780A1
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                                                                                                                                                                                    Wei-Qiang
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                                                                                                                                                                                                    Sherman
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Pred. No. 2.1e+02;
0; Mismatches 3
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RESULT 161
US-10-164-929A-564/c
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PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
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                   APPLICANT
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
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1 Similarity 85.0%;

17; Conservative
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                                                                                                                                                                                            Fong, but Gao, Wei-Qiang
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Williams, P. Mickey
                                                                       Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Botstein, David
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                                     Kuo,
                                                                                                                                                    Gerritsen, Mary E
Goddard, Audrey
                                                                                                                                                                                                                                                Ferrara, Napoleon
Filvaroff, Ellen
                                                                                                                                                                                                                                                                                   Eaton, Dan
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                                                       Kljavin, Ivar J.
                                                                                                                                                                                        Gerber, Hanspeter
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b. US20030194781A1
James;
                                 Sophia S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 15.2; DB 1
Pred. No. 2.1e+02
0; Mismatches
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Sophia

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APPLICANT: wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C36
CURRENT APPLICATION NUMBER: US/10/164,929A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-164-929A-564
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US-10-013-922A-564/c
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                                Sequence 564, Application US/10013922A
Publication No. US20030195345A1
GENERAL INFORMATION:
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Botstein, David
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Best Local
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FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
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FILING DATE: 1998-03-11
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17; Conserv
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Botstein, David
Desnoyers, Luc
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Shelton, David L.
Stewart, Timothy A.
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Pred. No. 2.1e
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APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 09/918585
PRIOR TILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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CURRENT FILING DATE: 2001-10-25
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CURRENT APPRITORMAGE
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PRIOR APPLICATION NUMBER: 60/065311
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OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/880107
OR PILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
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FILING DATE: 1998-03-11
RAPPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078004
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APPLICATION NUMBER: 60/078910
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/078886
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078936
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079728
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APPLICATION NUMBER: 60/079786
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APPLICATION NUMBER: 60/079920
APPLICATION NUMBER: 60/079923
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FILING DATE: 1998-03-27
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FILING DATE: 1998-03-25
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FILING DATE: 1998-03-27
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OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081049
OR FILING DATE: 1998-04-08

APPLICATION NUMBER: 60, FILING DATE: 1998-04-0:

60/080333

APPLICATION NUMBER: 60/080328 FILING DATE: 1998-04-01

PRIOR

APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081955 FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081195 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-08

60/081071

OR APPLICATION NUMBER: 60/081817
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15

FILING DATE: 1998-04-1
APPLICATION NUMBER: 60
FILING DATE: 1998-04-2

APPLICATION NUMBER: 60/081838

APPLICATION NUMBER: FILING DATE: 1998-0

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RESULT 163
US-10-020-445A-564/c
US-in-ence 564, Application US/10020445A
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OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085700
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085689
OR APPLICATION NUMBER: 60/085579
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OR APPLICATION NUMBER: 60/085573
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OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085704
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OR APPLICATION NUMBER: 60/085697
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17; Conserv
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Filvaroff
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Gerritsen, Mary E
Goddard, Audrey
 Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy 1
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Botstein, David
                                                      Paoni,
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Grimaldi, J. Christopher
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                                               James;
ii, Nicholas F.
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f, Ellen
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Pred. No. 2.1e
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PRIOR

DR FILING DATE: 1998-04-2:
DR APPLICATION NUMBER: 60,
DR FILING DATE: 1998-04-2:
DR APPLICATION NUMBER: 60,
DR FILING DATE: 1998-04-2:

1998-04-28

60/083392 60/083322 60/083336

APPLICATION NUMBER: 60/083495 FILING DATE: 1998-04-29

FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082797
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082796

FILING DATE: 1998-04 APPLICATION NUMBER:

1998-04-

APPLICATION NUMBER: FILING DATE: 1998-04 APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1998-0

1998-04-22 1998-04-22 1998-04-

60/082700 60/082804 60/082704 60/082569 60/082568

OR PILICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083499
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083558
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OR APPLICATION NUMBER: 60/083559
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DR APPLICATION NUMBER: 60/083742
DR FILING DATE: 1998-04-30
DR APPLICATION NUMBER: 60/084366
DR FILING DATE: 1998-05-05
DR APPLICATION NUMBER: 60/084414
DR FILING DATE: 1998-05-06
DR APPLICATION NUMBER: 60/084441
DR FILING DATE: 1998-05-06
DR APPLICATION NUMBER: 60/084637
DR APPLICATION NUMBER: 60/084637

APPLICATION I FILING DATE:

NUMBER: 60/083500 : 1998-04-29

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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/020,445A
CURRENT FILING DATE: 2001-10-24
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OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-26
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OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
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OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077791
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OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/07791
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/0788004
OR FILING DATE: 1998-03-13
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OR APPLICATION NUMBER: 60/079663
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RAPPLICATION NUMBER: 60/080327

OR FILING DATE: 1998-04-01

OR APPLICATION NUMBER: 60/080328

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      APPLICATION APPLICATION
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APPLICATION NUMBER: 60/080107
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080165
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FILING DATE: 1997-10-17
APPLICATION NUMBER: 60/064249
FILING DATE: 1997-11-03
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APPLICATION NUMBER:
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                                 NUMBER: 60/080334
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          60/081070
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PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-64-08
PRIOR FILING DATE: 1998-04-08
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OR APPLICATION NUMBER: 60/082797
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OR APPLICATION NUMBER: 60/082796
OR APPLICATION NUMBER: 60/083336
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OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-27
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-29
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OR APPLICATION NUMBER: 60/083495
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OR PILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
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OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084637
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084598
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DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083499
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DR APPLICATION NUMBER: 60/08350
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083742
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RR APPLICATION NUMBER: 60/082704

RR APPLICATION NUMBER: 60/082804

DR FILING DATE: 1998-04-22

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082700
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FILING DATE: 1998-04-21
APPLICATION NUMBER: 60/082569
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APPLICATION NUMBER: 60/081819
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081952
FILING DATE: 1998-04-15
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APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/081229
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Best Local
      APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C76
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/013,924A
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APPLICATION NUMBER: 60/
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/085700
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FILING DATE: 1998-05-07
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                                                                                                   Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Gurney, Austin L.
Hillan, Kenneth J
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Botstein, David
Desnoyers, Luc
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Godowski, Paul
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                                                                                                                                                    Paoni,
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                                                                                                                                                                 Pan, James;
                                                                                                                                                                                                               Kljavin,
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                                                                                                                                                                                            Sophia S.
                                                                                                                                                   Nicholas F.
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                                                                                                                                                                               Mary A.
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Pred. No. 2
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RESULT 165
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR PPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1997-03-00
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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Publication No
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PRIOR FILING DATE: 1998-03-12
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
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Kuo, Sophia S.
Napier, Mary A.
Williams, F. ...
                                                      Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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                                        Tumas,
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Goddard, Audrey
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Desnoyers, Luc
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                                                                                                                             James;
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                        Daniel
ms, P. Mickey
                                                                                                            Nicholas
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Pred. No. 2
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INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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CURRENT FILING DATE: 2002-04-30
Prior application removed - See File Wrappe
NUMBER OF SEQ ID NOS: 624
SEQ ID NOS: 624
SEQ ID NOS: 624
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                  FILE REFERENCE: P2630PIC52
CURRENT APPLICATION NUMBER: US/10/145,016A
CURRENT FILING DATE: 2001-10-18
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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f, Ellen
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60/077632
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                             Nucleic
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RESULT 167
US-10-145-088A-564/c
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 85.0%;
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                               PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/662250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
                                                                                                                                  APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C49
CURRENT APPLICATION NUMBER: US/10/145,088A
CURRENT FILING DATE: 2007-10-10
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APPLICANT:
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APPLICATION NUMBER: 60/065311 FILING DATE: 1997-11-13
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Baker Kevin P.
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Shelton, David L.
Stewart, Timothy A.
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Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Filvaroff, Ellen
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Godowski, Paul J
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Gerritsen, Mary E.
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                                                                                                                                                                                                                                                                                                                                                                                              Sophia S.
                                                                                                                                                                                                                                                                                                                                          Nicholas F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sherman
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Pred. No. 2.1e+02;
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-088A-564
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Best Local Similarity
Matches 17; Conserv
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 564, Application US/10145092A Publication No. US20030203435A1
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                                                                        CURRENT APPLICATION NUMBER: US/10/145,092A CURRENT FILING DATE: 2002-10-10 PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 2001-07-30 PRIOR APPLICATION NUMBER: 60/062250 PRIOR APPLICATION NUMBER: 60/062250
                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                               APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C45
                   PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/065311
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Godowski, Paul J.
Grimaldi, J. Christopher
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                                                                                                                                                                                                                                                                                                                                                                        Paoni,
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Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kljavin,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                              James;
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                                                                                                                                                                                                                                                                                                                                                                        Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                             Mary A.
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Pred. No. 2.1e+02
0; Mismatches
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US-10-145-129A-564/c
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1997-11-21
PRIOR PILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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CURRENT APPLICATION NUMBER: US/10/145,129A CURRENT FILING DATE: 2002-10-10 PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 2001-07-30 PRIOR APPLICATION NUMBER: 60/062250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 624
                                                                                 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C51
                                                                                                                                        APPLICANT:
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al Similarity 85.0%;
17; Conservati...
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                                                                                                                                       Tumas, Daniel
Williams, P. Mickey
Wood, William I.
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Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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                                                                                                                                                                                                                                              Paoni,
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Grimaldi, J. Christopher
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Goddard, Audrey
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o. US20030203436A1
                                                                                                                                                                                                                                                                         Napier, Mary A.
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                                                                                                                                                                                                                                                                                       avin, Ivar J.
, Sophia S.
                                                                                                                                                                                                                        Margaret Ann
                                                                                                                                                                                                                                                              James;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sherman
                                                                                                                                                                                                                                            Nicholas F
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Pred. No. 2.1e+02;
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RESULT 170
US-10-165-038A-564/c
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-
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APPLICANT:
APPLICANT:
                     TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: PEG630P1C29
CURRENT APPLICATION NUMBER: US/10/165,038A
CURRENT FILING DATE: 2002-10-10
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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Local Similarity 85.0%;
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APPLICATION NUMBER: 09/918585
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
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Williams, P. Mickey
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Filvaroff, Ellen
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Botstein, David
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Napier, Mary A.
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Baton, Dan
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Pred. No. 2.
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US-10-165-353A-564/c
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APPLICANT: Ashkenaz
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
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Best Local
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PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1998-03-12
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TYPE: DNA
             TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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OR APPLICATION NUMBER: 60/662250
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/066364
OR APPLICATION NUMBER: 60/066364
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APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
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                                             Williams, P. Mickey Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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                                                                           Tumas, Daniel
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Hillan, Kenneth J
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5. US20030203442A1
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P2630P1C40
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                                                                                                                                          Nicholas F
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Pred. No. 2.1e+02
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; TYPE: DNA, ORGANISM: Artificial Sequence; PEATURE: OTHER INFORMATION: Synthetic oligonucleotide probe US-10-165-353A-564
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US-10-167-600-564/c
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 564, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local :
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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APPLICANT: Baker Kevin P
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
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Roy, Many David Shelton, David Shelton, David Parker, Timothy A. : Stewart, Timothy A. T: Williams, P. Mickey Wood, William I.
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1 Similarity 85.0%;
17; Conservative
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Botstein, David
Desnoyers, Luc
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Kuo, Sophia S.
Napier, Mary A.
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Hillan, Kenneth J
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Gerritsen, Mary E.
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Grimaldi, J. Christopher
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Filvaroff, Ellen
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                                                                                                                                          Pan, James;
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Mucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630PIC35
CURRENT APPLICATION UNMBER: US/10/167,600
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILLING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILLING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILLING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILLING DATE: 1998-03-10
PRIOR FILLING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILLING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILLING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
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Matches
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
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        Roy, Margaret .....
Shelton, David L.
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Gao, Wei-Qiang
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Botstein, David
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Kuo, Sophia S.
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                                                           James;
i, Nicholas F.
                                     Margaret Ann
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f, Ellen
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85.0%; Pred. No. 2.1e+02
tive 0; Mismatches
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RESULT 174
US-10-172-039A-564/c
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US-10-170-481A-564
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PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
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LENGTH: 21
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C53
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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APPLICANT: Baker Kevin P
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NUMBER OF SEQ ID NOS: 624
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PRIOR FILING DATE: 1998-03-11
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les 17; Conserv
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Botstein, David
Desnoyers, Luc
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gerritsen, Mary E.
Goddard, Audrey
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                                  Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Paoni, Nicholas F
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                   James;
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Pred. No. 2.1e+02;
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-172-039A-564
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US-10-210-028-564/c
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CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/91885
PRIOR ETLING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
                                                                                                                                                                                                                                                                                                                                         Sequence 564, Applic Publication No. US20 GENERAL INFORMATION:
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LENGTH: 21
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
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FILING DATE: 1997-11-21
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l Similarity 85.0%;
17; Conservative
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              Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Shelton, David L.
Stewart, Timothy A.
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                                                                                                                                                                                                  Ferrara, Napoleon
Filvaroff, Ellen
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Kljavin, Ivar J
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CURRENT APPLICATION NUMBER: US/10/210,028
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
PRIOR PPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1908-03-11
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-210-028-564
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; Sequence 564, Application US/10017085A
; Publication No. US20030204055A1
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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Best Local :
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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ORGANISM: Artificial Sequence
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                                                                                                Gerber, Hanspeter
Gerritsen, Mary E.
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                      Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                                                 Fong, Sherman
Gao, Wei-Qiang
Gurney, Austin L.
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Filvaroff, Ellen
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Pred. No. 2.1e+02;
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RESULT 177
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SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C79
CURRENT APPLICATION NUMBER: US/10/013,916A
CURRENT FILING DATE: 2002-04-30
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CURRENT APPLICATION NUMBER: US/10/017,085A
CURRENT FILING DATE: 2002-04-30
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Baker Kevin P
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Stewart, Timothy A.
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                                                                                                           Tumas, Daniel
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Kuo, Sophia S.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Gerritsen, Mary E.
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D. US20030206915A1
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85.0%; Pred. No. 2.1e+02;
tive 0; Mismatches 3;
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US-10-143-026B-564/c; Sequence 564, Appl; Publication No. US:
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-013-916A-564
                                           CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1998-03-01
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
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PRIOR PILING DATE: 1998-03-11
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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APPLICANT: Baker Kevin P
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ORGANISM: Artificial Sequence
                               APPLICATION NUMBER: 60/077641
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Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
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Pred. No. 2.1e+02;
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APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, Daniel
APPLICANT: Williams, D. Mickey
APPLICANT: Williams, D. Mickey
APPLICANT: Williams, D. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PPLC77
CURRENT APPLICATION NUMBER: US/10/013,918A
CURRENT APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1907-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
IPRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/067450
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-10
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 85.0%;
Matches 17; Conservative
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Stewart, Timothy A.
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Botstein, David
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Hillan, Kenneth J
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o. US20030211091A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          James;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nicholas F
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Pred. No. 2.1e+02;
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NUMBER: 60/ NUMBER: 60/	NUMBER: 1998-0. NUMBER: 1998-0	R APPLICATION NUMBER: 60/0776 R FILING DATE: 1998-03-11 R APPLICATION NUMBER: 60/0776 R FILING DATE: 1998-03-11 R APPLICATION NUMBER: 60/0777 R APPLICATION NUMBER: 60/0780 R APPLICATION NUMBER: 60/0780 R FILING DATE: 1998-03-13
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RESULT 180
US-10-162-521A-564/c
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CURRENT FILING DATE: 2002-11-29
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-10
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Best Local
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APPLICANT:
APPLICANT:
                                                        PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT:
APPLICANT:
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APPLICANT: Baker Kevin P
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
                     APPLICATION NUMBER: 60/077791 FILING DATE: 1998-03-12
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l Similarity 85.0%;
17; Conservative
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Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
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Botstein, David
Desnoyers, Luc
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Filvaroff,
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Kuo, Sophia S.
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Grimaldi, J. Christopher
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o. US20030211092A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Nicholas F.
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f, Ellen
  data removed -
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Pred. No. 2.1e+02;
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See File Wrapper or PALM.
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LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-162-521A-564
CURRENT APPLICATION NUMBER: US/10/013,928A
CURRENT FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PRIOR DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR PRIOR DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-3
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
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LENGTH: 21
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GENERAL INFORMATION
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APPLICANT:
APPLICANT:
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Botstein, David
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Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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85.0%; Pred. No. 2.1;
ive 0; Mismatches
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RESULT 182
US-10-162-522A-564/c
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US-10-013-928A-564
                                                                PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR PPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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Publication No. US20
GENERAL INFORMATION:
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APPLICANT:
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/162,522A
CURRENT FILING DATE: 2002-10-10
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                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 2001-07-30
                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Baker Kevin P.
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les 17; Conserv
                                APPLICATION NUMBER: 60/077450 FILING DATE: 1998-03-10 APPLICATION NUMBER: 60/077632
APPLICATION NUMBER: 60/077641
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Stewart, Timothy A.
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Gerritsen, Mary E.
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Roy, Margaret Ann
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Hillan, Kenneth J
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Godowski, Paul
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Filvaroff, Ellen
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o. US20030215908A1
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                   1998-03-
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Pred. No. 2
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-923A-564
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                                                                                                                                   Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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               Query Match
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 Best Local Similarity
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APPLICANT:
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P263091C87
CURRENT APPLICATION NUMBER: US/10/013,923A
CURRENT FILING DATE: 2001-10-25
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PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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                                                                                   LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff,
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Gerritsen, Mary E.
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o. US20030216305A1
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                                                                                                                                                                                                                                                                                                                                                       Nicholas F
                                                                                                                                                                                                                                                                                            Daniel
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1.1%;
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Pred. No. 2
 Score 15.2; DB 1;
Pred. No. 2.1e+02;
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                 Length 21;
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US-10-013-927A-564/c

; Sequence 564, Application US/10013927A
; Publication No. US20030216561A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botsetein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
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US-10-013-925A-564/c
; Sequence 564, Application US/10013925A
; Publication No. US20030216560A1
; GENERAL INFORMATION:
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// FEATURE:
// OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-925A-564

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CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
                                                                                                                                                                                                                                   Matches
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APPLICANT: Wood, William I.
TITLE OP INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OP INVENTION: Acids Encoding the Same
FILE REPERENCE: P2630P1C83
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                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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nes 17; Conserv
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Stewart, Timothy A.
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Filvaroff, Ellen
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Desnoyers, Luc
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Kuo, Sophia S.
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Pred. No. 2.1e+02;
0; Mismatches 3
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                       Gerber, Hanspeter
Gerritsen, Mary E.
Geddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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 Paoni, Nicholas F.
Roy, Margaret Ann
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Hillan, Kenneth J
Kljavin, Ivar J.
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Gao, Wei-Qiang
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                                            Napier, Mary A.
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Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
Sequence 564, Application US/10145093A Publication No. US20040005312A1
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C88
CURRENT APPLICATION NUMBER: US/10/013,927A
CURRENT FILING DATE: 2001-10-25
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Godowski, Paul J.
Grimaldi, J. Christopher
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85.0%; Pred. No. 2.1e+02;
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RESULT 187
US-10-013-919A-564/c
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CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/91885
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PRILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06249
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
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Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 564
LENGTH: 21
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APPLICANT: Ashkenazi, Avi
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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ORGANISM: Artificial Sequence
FEATURE:
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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Wood, William
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Stewart, Timothy A.
                                                Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Goddard, Audrey
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Botstein, David
Napier, Mary A.
              Kljavin, Ivar
Kuo, Sophia S.
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o. US20040005657A1
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Pred. No. 2
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RESULT 188
US-10-013-920A-564/c
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PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C85
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CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION UNMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
                APPLICANT:
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PRIOR APPLICATION NUMBER: 60/077649
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PRIOR APPLICATION NUMBER: 60/077641
APPLICANT
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Shelton, David L.
Stewart, Timothy A.
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            Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
                                                                Gerritsen, Mary E. Goddard, Audrey
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Hillan, Kenneth J
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Pred. No. 2.1e+02
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RESULT 189
US-10-164-749A-564/c
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/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-920A-564
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
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CURRENT FILING DATE: 2001-10-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
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APPLICANT:
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C60 CURRENT APPLICATION NUMBER: US/10/164,749A CURRENT FILING DATE: 2001-10-19
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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Local Similarity 85.0%;
es 17; Conservarion
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Botstein, David
Desnoyers, Luc
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Godowski, Paul J.
Grimaldi, J. Christopher
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Paoni, Nicholas F.
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Gerritsen, Mary E.
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Stewart, Timothy A.
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Hillan, Kenneth J
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                                                                                                                                                                                                                                                          Kljavin,
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                                                                                                                                                                                                                                                                                                                                                                                              Wei-Qiang
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dan
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Pred. No. 2.1e+02;
0; Mismatches 3;
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-749A-564
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Best Local
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
                                                                                                                                                                                                                                                                                                APPLICANT:
              IIILE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
IIILE OF INVENTION: Acids Encoding the Same
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                 PPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077649
REFERENCE: P2630P1C82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/064249
FILING DATE: 1997-11-03
APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
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                                             Paoni, Nicholas F.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, William I.
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Godowski, Paul J.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Hillan, Kenneth J
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o. US20040063921A1
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                                                                                                                                                                                                                                                                               Brimaldi, J. Christopher
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Pred. No. 2.1e+02
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RESULT 192
US-10-735-592-13/c
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 09/850,351
PRIOR FILING DATE: 2001-05-07
PRIOR APPLICATION NUMBER: US 09/073,898
PRIOR APPLICATION NUMBER: US 09/073,898
PRIOR APPLICATION NUMBER: US 09/690,780
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: US 60/029,848
PRIOR APPLICATION NUMBER: US 60/029,848
                                                                                                                                                                             Sequence 13, Application US/10735592 Publication No. US20040171571A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3-10-698-096-11
Sequence 11, Application US/10698096
Publication No. US20040128716A1
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 564
LENGTH: 21
APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION: NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.2
SEQ ID NO 13
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Best Local S
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NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 21
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TITLE OF INVENTION: Polynucleotides, Pesticidal Proteins, and Novel Methods of Using
FILE REFERENCE: MA-708CDC1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/013,917A CURRENT FILING DATE: 2001-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 49C Primer A
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85.0%;
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Pred. No. 2.1e+02;
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Pred. No. 2
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                                                                          US-10-786-720-19356
                                                                                                                                                                APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOI
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-786-720-19356
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Mei
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
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Matches
                                                                                                               SEQ ID NO 19356
LENGTH: 21
TYPE: RNA
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                                 Query Match
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NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
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CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
ORGANISM: RNAi-sense strand
                                                                                           ORGANISM: RNAi-antisense strand
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Local Similarity 35.
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al Similarity 85.0%;
17; Conservation
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17; Conser
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               1.1%; Score 15.2; DB 1; 35.0%; Pred. No. 2.1e+02;
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Pred. No. 2.1e+02
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                                       DB 1;
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                                 Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 21;
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APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION UNUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 1072
LENGTH: 17
TYPE: RNA
ORGANISM: Homo Sapiens
US-10-138-674-1072
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US-10-138-674-1072/c
                                                                                       RESULT 197
US-10-287-949A-1071/c
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US-10-138-674-1071/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1072, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00-876-N (400/049) CURRENT APPLICATION NUMBER: US/10/138,674 CURRENT FILING DATE: 2002-05-03 NUMBER OF SEQ ID NOS: 20822 SOPTWARE: Patentin version 3.0 SEQ ID NO 1071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1071, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
Sequence 1071, Application US/10287949A Publication No. US20040102389A1 GENERAL INFORMATION: APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                    Best Local Similarity Matches 15; Conserv
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ORGANISM: Homo sapiens
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Escobedo, Jaime
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1072
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                                                                                                                                                                                                                         Sequence 9, Application US/09933638A Patent No. US20020160952A1 GENERAL INFORMATION:
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APPLICANT: Stonchcomb, Dan
APPLICANT: Becobedo, Jaime
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287, 949A
CURRENT APPLICATION NUMBER: US/10/287, 949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1072
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APPLICANT: Kazantsev, Aleksey G.
APPLICANT: Thompson, Leslie M.
APPLICANT: Thompson, Leslie M.
APPLICANT: HOUSMAN, David E.
TITLE OF INVENTION: INHIBITION OF PROTEIN-PROTEIN INTERACTION
FILE REFERENCE: 01997-289001
CURRENT APPLICATION NUMBER: US/09/933,638A
CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: US 60/226,502
PRIOR APPLICATION NUMBER: US 60/226,502
PRIOR FILING DATE: 2000-08-18
NUMBER OF SEQ ID NOS: 12
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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TYPE: RNA
ORGANISM: Homo sapiens
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Similarity 100.0%;
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Escobedo, Jaime
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Pred. No.
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; TYPE: DNA
, ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetically generated primer
US-10-194-584-1
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; OTHER INFORMATION: Synthetically generated primer
US-09-933-638A-9
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APPLICANT: Logusch, Eugene W.
APPLICANT: Rao, Sudabathula
APPLICANT: Rao, Joel E.
APPLICANT: Logusch, Sherry J.
APPLICANT: Logusch, Sherry J.
APPLICANT: LOGUSCh, Sherry J.
TITLE OF INVENTION: Wethods for controlling gibberellin levels
FILE REFERENCE: MOBT:216
CURRENT APPLICATION NUMBER: US/09/371,307A
CURRENT FILING DATE: 1999-08-10
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Housman, David E.
APPLICANT: Preisinger, Elizabeth A.
APPLICANT: Kazantsev, Aleksey G.
TITLE OF INVENTION: METHODS OF SCREENING FOR AGENTS WHICH INHIBIT AGGREGATION
TITLE OF INVENTION: OF POLYPEPTIDES
FILE REFERENCE: 01997-261002
CURRENT APPLICATION NUMBER: US/10/194,584
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 09/405,048
PRIOR APPLICATION NUMBER: US 09/405,048
PRIOR FILING DATE: 199-09-27
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FASTSEQ for Windows Version 4.0
LENGTH. 18
                                                                                                                                                                                                                                                                                                                                                                           Sequence 85, Application US/09371307A Patent No. US20020053095A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                          APPLICANT: Brown, Sherri M.
APPLICANT: Heck, Gregory R.
APPLICANT: Piller, Kenneth J.
APPLICANT: Kishore, Ganesh M.
APPLICANT: Elich, Tedd D.
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ORGANISM: Artificial Sequence
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es 15; Conservative
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100.0%; Pred. No. 1.9e+02;
vative 0; Mismatches 0;
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100.0%; Pred. No. 1.
:ive 0; Mismatches
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APPLICANT: Kinoshita, Tetsu
APPLICANT: Yadegari, Ramin
APPLICANT: Gehring, Mary
APPLICANT: Gehring, Mary
APPLICANT: Okamuro, Jack
APPLICANT: Dang, Van-Dinh
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
APPLICANT: Ceres, Inc.
TITLE OF INVENTION: Compositions and Methods for Modulating Plant
TITLE OF INVENTION: Development
FILE REFERENCE: 02307-016710US
CURRENT APPLICATION NUMBER: US/10/176,884
CURRENT APPLICATION NUMBER: US/007-06-21
PRIOR APPLICATION NUMBER: US/007-06-22
NUMBER OF SEQ ID NOS: 91
NUMBER OF SEQ ID NOS: 91
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Publication No. US20030152918A1
GENERAL INFORMATION:
APPLICANT: Academy of Applied Science
TITLE OF INVENTION: BRCA1 and hMLH1 Gene Primer Sequences and Method for
TITLE OF INVENTION: Testing
                                                                              SEQ ID NO 44
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LENGTH: 19
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Best Local
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CURRENT FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: PCT/IB00/01607
PRIOR FILING DATE: 2000-11-06
                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Fischer, Robert APPLICANT: Kinoshita, Teta APPLICANT: Yadegari, Ramir
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SOFTWARE: PatentIn Ver. 2
                                                                                                SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
                  LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1517 ATTAAAAAAAAAAA 1531
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11 Similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             US20030126642A1
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; Pred. No. 2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 15; DB 1;
Pred. No. 2e+02;
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US-10-176-884-44
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US-10-177-478-1/c
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                                                                                                    NUMBER OF SEQ ID NOS: 197
SOFTWARE: PatentIn version 3.1
SEQ ID NO 196
LEMETED.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/10177478 Publication No. US20030165903A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 196, Application US/10182230 Publication No. US20030215817A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -10-182-230-196/c
                                                                                                                                                                                                                  TITLE OF INVENTION: Modulation of Gene Expression in Formation of Fatty Atherosclerot TITLE OF INVENTION: Lesions FILE REFERENCE: 216019-143 CURRENT APPLICATION NUMBER: US/10/182,230 CURRENT FILING DATE: 2003-02-03 CURRENT FILING DATE: 2003-02-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Chimeric Histone Acetyltransferase TITLE OF INVENTION: Polypeptides FILE REFERIOE: 11696-037001 CURRENT APPLICATION NUMBER: US/10/177,478 CURRENT FILING DATE: 2002-06-21 PRIOR APPLICATION NUMBER: U.S. 60/300,135 PRIOR APPLICATION DATE: 2001-06-22 NUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Leonardi, Amedeo
APPLICANT: Sartani, Abraham
APPLICANT: Glass, James R
                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/177,963 PRIOR FILING DATE: 2000-01-25
                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dang, Van-Dinh APPLICANT: Okamuro, Jack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: 3' sequencing primer for dire OTHER INFORMATION: ct sequencing
                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                               TYPE: DNA
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Local Similarity 84.2%;
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Sutcliffe, J. Gregor
Hasel, Karl W.
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Pred. No. 2e+02;
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
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APPLICANT: Logusch, Shorry J.
APPLICANT: Logusch, Shorry J.
APPLICANT: Baerson, Scott R.
TITLE OF INVENTION: Methods for Controlling Gibberellin Levels
FILE REFERENCE: 11899.0216.DVUS01 (MOBT:216--1)
CURRENT APPLICATION NUMBER: US/10/401,321
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 89
SOFTWARE: Patentin version 3.2
SEQ ID NO 85
LENGTH: 19
TYPE: DNA
ORGANT
GENERAL INFORMATION.

GENERAL INFORMATION.

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chunakov, Ilya

ITILE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-23

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
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; OTHER INFORMATION: v stands for a, c, US-10-182-230-196
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Best Local S
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Publication No. US20040005584A1
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Publication No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Primer
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16; Conserv
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Piller, Kenneth J.
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84.28;
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; Pred. No. 2e+0
1; Mismatches
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Pred. No. 2e+02;
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RESULT 209
US-10-159-563-99/c
US-quence 99, Application US/10159563
; Publication No. US20040009154A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: DNA
; TYPE: DNA
; CARNISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-133-937-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 208
US-10-133-937-99/c
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; LCCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-11449 for SEQ 2501,
US-10-349-143-6435
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APPLICANT: Khan, Javed
APPLICANT: Khan, Carstus
APPLICANT: Ringner, Markus
APPLICANT: Peterson, Carsten
APPLICANT: Meltzer, Paul
TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,
TITLE OF INVENTION: DIAGNOSING, PROCNOSTICATING, AND/OR PREDICTING DISEASES AND
TITLE OF INVENTION: OTHER BIOLOGICAL STATES
FILE REFERENCE: 11613.56US01
CURRENT APPLICATION NUMBER: US/10/133,937
CURRENT FILING DATE: 2002-11-04
NUMBER OF SEQ ID NOS: 99
SOCTWARE: Patentin version 3.1
SEQ ID NO 99
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 16; Conserv
NUMBER OF SEQ ID NOS: 444
SOPTWARE: PatentIn version 3.1
SEQ ID NO 99
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Publication No. US20030207278A1
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Best Local Similarity 100.0%; P
Matches 15; Conservative 0;
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                                                            APPLICANT: Khan, Javed
APPLICANT: Ringner, Markus
APPLICANT: Ringner, Markus
APPLICANT: Peterson, Carsten
APPLICANT: Meltzer, Paul
TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR
TITLE OF INVENTION: DIAGNOSIS AND FOR TARGETING THE THERAPY OF SELECT CANCERS
FILE REFERENCE: 11613.56USI1
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US/10/159,563
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 10/133,937
PRIOR FILING DATE: 2002-044-25
PRIOR FILING DATE: 2002-044-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo Sapiens
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Pred. No. 2
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Pred. No.
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io. 2.1e+02; Indels
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Sequence 84, Application US/09809545A

Patent No. US20020110804A1

GENERAL INFORMATION:
APPLICANT: White, R. Tyler
ITILE OF INVENTION: SECRETED FACTORS
FILE REFERENCE: SCIOS.017A
CURRENT APPLICATION UNMBER: US/09/809,545A
CURRENT FILING DATE: 2001-03-14
NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 84
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: Primer US-10-159-563-99
                                                                    ; OTHER INFORMATION: Oligos corresponding to polylinker sequence. US-09-809-545A-84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-954-225-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: HESTER, JEFFREY D.
APPLICANT: LINDQUIST, ALAN
APPLICANT: SCHAEFER, FRANK W.
ITITLE OF INVENTION: IN-SITU HYBRIDIZATION PROBES FOR THE DETECTION OF INVENTION: MICROSPORIDIAL SPECIES
FILE REFERENCE: EPA-C132
CURRENT APPLICATION NUMBER: US/09/954,225
CURRENT FILING DATE: 2001-09-18
PRIOR APPLICATION NUMBER: 60/234,241
PRIOR APPLICATION NUMBER: 60/234,241
PRIOR APPLICATION NUMBER: 60/234,241
PRIOR FILING DATE: 2000-09-21
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 1.1%; Score 14.8; DB 1
Best Local Similarity 33.3%; Pred. No. 2.1e+02
Matches 6; Conservative 10; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. US20020102584A1
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Best Local Similarity 84.2%;
Matches 16; Conservative
                       Query Match
  Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Species OTHER INFORMATION: specific probe for No. US20020102584Alema ceranae
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                                                                                                                FEATURE:
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1.1%;

    Mismatches

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Pred. No. 2.3e+02
Score 14.8; DB 1;
Pred. No. 2.1e+02;
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SEQUENCE DESCRIPTION: SEQ ID NO: 1167: US-09-961-077-1167
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US-09-961-077-1167/c
                                                                                                                                                                                                                                        NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 1167:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1167, Application US/09961077 Publication No. US20030014775A1 GENERAL INFORMATION:
                                                           Best Local Similarity Matches 16; Conserv
                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: WOO'D POT FECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION
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430 GCTGCGGCGGCGGCGACG 447
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                                                                                                                                                                     LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INVENTION: COMPOSITION AND METHODS FOR MODULATION OF GENE EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Skokut, Thomas A. Young, Scott A. Folkerts, Otto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Zwick, Michael G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Guo, Lining
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Merlo, Patricia Ann Owens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Edington, Brent E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Suite 4700
                                                                          1.1%;
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                                                         Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
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                                                                                            Length 18;
                                                           Indels
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                                                           Сарв
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       RESULT 214
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US-09-961-077-1169/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1169, Application US/09961077 Publication No. US20030014775A1
                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 1169:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                    Matches
                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                     Local
                                                                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WOR'D PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1263
                                                                                                427 GCGGCTGCGGCGCCGGCG 444
                                                               18
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                                                                                                                                    l Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (213) 955-0440
                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Skokut, Thomas A. Young, Scott A. Folkerts, Otto Merlo, Donald J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Edington, Brent E.
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                                                                                                                                    0;
                                                                                                                                  Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2
                                                                                                                                                                         DB 1;
                                                                                                                                                                     Length 18;
                                                                                                                                    Indels
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                                                                                                                                    Gaps
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US-09-888-326-837/c; Sequence 837, App; Publication No. U

Application US/09888326 o. US20030026801A1

GENERAL INFORMATION:

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APPLICANY: WRIGHT, Deter E.

APPLICANY: WRIGHT, Deter E.

TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR TITLE REFERENCE: SCRIP160-4

FILE REFERENCE: SCRIP160-4

CURRENT APPLICATION NUMBER: US/09/500,700

CURRENT FILING DATE: 2003-01-10

PRIOR APPLICATION NUMBER: US 08/863,813

PRIOR FILING DATE: 1997-05-27

PRIOR APPLICATION NUMBER: US 08/676,318

PRIOR FILING DATE: 1995-01-18

PRIOR PILING DATE: 1995-01-18

PRIOR PRIOR PILING DATE: 1994-09-28

PRIOR APPLICATION NUMBER: US 08/312,604

PRIOR APPLICATION NUMBER: US 08/313,119

PRIOR FILING DATE: 1994-09-28

PRIOR FILING DATE: 1994-01-18

NUMBER OF SEQ ID NOS: 127

SOPTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-837
                                                                                                                                     ; OTHER INFORMATION: (GCG) 6 probe US-09-500-700-68
                                                                                                                                                                                                                                                        SEQ ID NO 68
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                     Query Match
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                                           Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: Cl039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR PILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FRASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -09-500-700-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: THE SCRIPPS RESEARCH INSTITUTE APPLICANT: BARBAS III, Carlos F. APPLICANT: GOTTESFELD, Joel M.
                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                      FEATURE:
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ORGANISM: Artificial Sequence
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                                                               Local Similarity
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                                                               1.1%;
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                                                               Score 14.8;
Pred. No. 2.
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Pred. No. 2
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                                                                 2.1e+02;
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; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913
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US-09-776-479-913/c
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                                                                             Matches
                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 913, Application US/09776479
Publication No. US20040067902A9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity
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                                                                                                                       Query Match
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APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bratzler, Robert L.
APPLICANT: Bratzler, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT FILING DATE: S001-02-02
PRIOR APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-03
RUMBER OF SEQ ID NOS: 1093
NUMBER OF SEQ ID NOS: 1093
NUMBER OF SEQ ID NOS: 1093
NUMBER OF SEQ ID NOS: 1093
                                                                                                     Best Local
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                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                     OTHER INFORMATION: Synthetic Sequence
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                                      1520 AAAAAAAAAAAGTAAAA 1537
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Pred. No. 2.
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Pred. No. 2
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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITILE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
INUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 939
LENGTH: 18
TYPE: DATA: Actificial Command
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APPLICANT: FOURCH, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEG ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 939
          RESULT 220
US-09-370-541-14/c
US-09-370-541-14/c
; Sequence 14, Application US/09370541
; Publication No. US20030088079A1
; GENERAL INFORMATION:
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US-09-776-479-939/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 939, Application US/09776479 Publication No. US20040067902A9 GENERAL INFORMATION:
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Publication No. US20030087848A1
GENERAL INFORMATION:
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Best Local (
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APPLICANT: Manoharan, Muthiah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
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nee 16; Conserv
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Pred. No. 2.1e
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Pred. No. 2.1e+02;
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APPLICANT: NAGAI, HIROSHI
APPLICANT: KURODA, KYOKO
APPLICANT: KURODA, KYOKO
APPLICANT: NAKAJIMA, TERUMI
ITITLE OF INVENTION: NOVEL PROTBINS HAVING HEMOLYTIC ACTIVITY AND GENES
ITITLE OF INVENTION: ENCODING THE PROTBIN
FILE REFERENCE: 037181.50611US
CURRENT APPLICATION NUMBER: US/09/979,275A
CURRENT FILING DATE: 2003-05-27
PRIOR APPLICATION NUMBER: PCT/JP01/02209
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: JP 2000-78967
PRIOR PILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-03-21
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CURRENT FILING DATE: 1999-08-09
EARLIER APPLICATION NUMBER: 09/130,973
EARLIER FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 09/016,520
EARLIER FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 09/37,143
EARLIER APPLICATION NUMBER: 09/344,260
EARLIER APPLICATION NUMBER: 09/344,260
EARLIER APPLICATION NUMBER: 09/344,260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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                                                                                                                Matches
                                                                                                                                        Query Match
Best Local
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APPLICANT: Prakash, Thatha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminoxxy-Modified Nucleosidic Compounds And Oligomeric
TITLE OP INVENTION: Compounds Prepared Therefrom
FILE REFERENCE: ISIS3993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 21
                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonuclectide FEATURE:
OTHER INFORMATION: this sequence may encompass 12-18 nucleotides
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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18 AAAAAAAAAAAAAAAA 1
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il Similarity 88.9%;
16; Conservative
                                                                                                                                        Similarity
                                                                                                                Conservative
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                                                                                                       Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
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Pred. No. 2.1e+02;
0; Mismatches 2;
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RESULT 223
US-10-208-357-24
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                   Sequence 24, Application US/10208357 Publication No. US20020182687A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                           Query Match
Best Local
                                                                                                                                                                                                                                                      Matches
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APPLICANT: Kurz, Markus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION MUBBER: US/10/125,295

FILING DATE: 17-Apr-2002

CLASSIFICATION: CURROWN>

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
APPLICATION NUMBER: US 08/884,029
FILING DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lin, Ching-I Patsy
Wallace, Robert Bruce
Cossman, Jeffrey
French, Cynthia
TITLE OF INVENTION: Lyophilization of Cultured Human Cells
to Preserve RNA and DNA
                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: modified_base
LOCATION: 13.18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                           1520 AAAAAAAAAAAAGTAAAA 1537
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ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: lin
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                                                                                                                                                                    18
                                                                                                                                                                                                                                                    l Similarity
16; Conserv
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STATE: California
                                                                                                                                                                  AAAAAAAAAAAAAAAA 1
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TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94111-3834
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Pred. No. 2.1e+02;
0; Mismatches 2;
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US-10-017-995-913/c
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US-10-112-653-882/c
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                                                                                                                                       Sequence 913, Application US/10017995 Publication No. US20030055014A1 GENERAL INFORMATION:
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local
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TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AUS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR PELICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSEQ for Windows Version 3.0
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
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TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEO ID NOS: 26
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TYPE: DNA
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Similarity 88.9%;
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o. US20030050268A1
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Pred. No. 2.1e+02;
0; Mismatches 2;
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Pred. No. 2.1e+02;
                                                                                             by Nucleic Acids
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US-10-206-613-4/c
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US-10-017-995-939/c
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 939
LENGTH: 18
TYPE: DNA
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Publication No. US20030055014A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/10206613
Publication No. US20030104432A1
GENERAL INFORMATION:
                                                       SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
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SOFTWARE: FRANCEQ for Windows Version 3.0
SEQ ID NO 913
LENGTH: 18
                                                                                                     APPLICANT: You, Liang
APPLICANT: He, Biao
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Methods of Amplifying Long Sense Str
FILE REFERENCE: 023070-119510US
CURRENT APPLICATION NUMBER: US/10/206,613
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 60/308,190
PRIOR FILING DATE: 2001-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
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                                                                                                 NUMBER OF SEQ ID NOS: 8
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TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Synthetic Sequence
ORGANISM: Artificial Sequence
                                       ENGTH: 18
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Local Similarity 88.9%;
nee 16; Conservative
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Pred. No. 2.1e.
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Pred. No. 2.1e+02;
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APPLICANT: McAlpine, James B.
APPLICANT: Neilsen, Soren
APPLICANT: Neilsen, Christopher
APPLICANT: Spencer, Marget E.
APPLICANT: Spencer, Marget E.
TITLE OF INVENTION: Methods for Identifying Genes Regulating
TITLE OF INVENTION: Desired Cell Phenotypes
FILE REFERENCE: 50273/005002
CURRENT APPLICATION NUMBER: US/10/056,479A
CURRENT FILING DATE: 2003-02-07
PRIOR APPLICATION NUMBER: US 60/263,807
PRIOR FILING DATE: 2001-01-01
NUMBER OF SEQ ID NOS: 15
SOFTMARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
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PRIOR FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 46
SOFTWARE: PatentIn version 3.0
SEQ ID NO 45
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Best Local (
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TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS IJ
FILE REFERENCE: 06501-069001
CURRENT APPLICATION NUMBER: US/10/314,405
CURRENT FILING DATE: 2002-12-06
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APPLICANT: Gen, Tamiya
APPLICANT: Yasunari, Matsu:
                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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TYPE: DNA
ORGANISM: Homo sapiens
ORGANISM: Artificial Sequence
                                 ENGTH: 18
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Haudenschild, Christian
Houck, David
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88.9%;
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Pred. No. 2.1e
0; Mismatches
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Pred. No. 2.1e+02;
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, NAME/KEY: CDS
; LOCATION: 1..18
; SEQUENCE DESCRIPTION: SEQ ID NO:
US-10-352-704-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-056-479A-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-352-704-12/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 12, Application US/10352704 Publication No. US20030176690A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (202)638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,704
FILING DATE: 28-Jan-2003
                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: DNA (9)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Kumarev, Viktor
TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting its
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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                                                                                                                                                                             FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                 ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Chatelain, Francois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18 AAAAAAAAAAAAAAAA 1
                                                                                                                                                                                                                                                                                           LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C
                                                                                                                                                                                                                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: D.C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
                                                                                                                                                                                                                                      DNA (genomic)
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  Score 14.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2
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Pred. No. 2.1e+02;
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                                                                                                   12:
                                        DB 1; Length 18;
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                                                                              Matches
                                                                                                               Query Match
                                                                                                Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY_AGENT_INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARBE: PATENETH Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,704
PILING DATE: 28-Jan-2003
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-6666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kumarev, Viktor
TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting its
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
                                  1520 АААААААААААСТААА 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Chatelain, Francois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1520 АДАДАДАДАДАДСТАДАД 1537
                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                             ANTI-SENSE: NO
                                                                                                                                                                                                                                                         FRAGMENT TYPE: N-terminal
                                                                              16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18 AAAAAAAAAAAAAAAA 1
                                                                                                Similarity
AAAAAAAAAAAAAAAA 18
                                                                                                                                                                                                                                                                                                                                                       LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Washington D
STATE: D.C
                                                                                                                                                                                               NAME/KEY: CDS
LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
                                                                              Conservative
                                                                                                1.1%;
88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Implementation
                                                                            <u>,</u>
                                                                                                Score 14.8; DB 1;
Pred. No. 2.1e+02;
                                                                              Mismatches
                                                                                                                   Length 18;
                                                                              Indels
                                                                              0
                                                                              Gaps
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RESULT 232 US-10-075-335-9/c ; Sequence 9, Application US/10075335

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TITLE OF INVENTION: ANTIBODIES TO CD40
FILE REFERENCE: ABX-PF/3 US
CURRENT APPLICATION UMBER: US/10/292,088
CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: 60/348,980
PRIOR FILING DATE: 2001-11-09
NUMBER OF SEQ ID NOS: 147
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 144
LENGTH: 18
TYPE: DNA
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PRIOR FILLING DATE: 2001-02-14
PRIOR PELLUNG DATE: 2001-02-14
PRIOR PELLUNG DATE: 2001-11-07
PRIOR PELLUNG DATE: 2001-11-07
PRIOR PELLUNG DATE: 2001-02-14
PRIOR PELLUNG DATE: 2001-02-14
PRIOR PELLUNG DATE: 2001-11-07
PRIOR PELLUNG DATE: 2001-11-09
PRIOR PELLUNG DATE: 2001-07-18
PRIOR PELLUNG DATE: 2001-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 144, Application US/10292088 Publication No. US20030211100A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity Matches 16; Conservat
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                                                                                                                                                Matches
                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: BEDIAN, VAHE
APPLICANT: GLADUE, RONALD P.
APPLICANT: CORVALAN, JOSE
APPLICANT: JIA, XIAO-CHI
APPLICANT: FENG, XIAO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/075,335
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Methods and Compositions of Amplifying FILE REFERENCE: HO-P02202US2
                                                                                                                                                                                                                                                                                                                           FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ginsberg, APPLICANT: Che, Shac
                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
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                                                                      1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                                                            16;
                                                                                                                                                   Conservative
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                                                                                                                                                                                   1.1%; Score 14.8; DB 1;
88.9%; Pred. No. 2.1e+02;
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Pred. No. 2.1e+02;
                                                                                                                                                   Mismatches
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                                                                                                                                                                                                                  Length 18;
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APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
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PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-29
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                                                                                                                                                    ; OTHER INFORMATION: Synthetic Sequence US-10-314-578-939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-314-578-913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-314-578-913/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-314-578-939/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Matches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 939, Application US/10314578 Publication No. US20030212026A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 913, Applic Publication No. US20 GENERAL INFORMATION:
       Matches
                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Krieg, Arthur M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                      LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH:
                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1520 ААЛАЛАЛАЛАЛАГТАЛАЛ 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18 AAAAAAAAAAAAAAAA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/10314578
o. US20030212026A1
   Conservative
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88.9%;
                               1.1%;
0,
                                   Score 14.8;
Pred. No. 2.
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Pred. No. 2.1e+02;
0; Mismatches 2;
       Mismatches
                               2.1e+02;
                                                                      Length 18;
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       Indels
   0;
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   Gaps
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1520 AAAAAAAAAAAAGTAAAA 1537

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US-10-389-155-97/c
; Sequence 97, Application US/10389155
; Publication No. US20030229208A1
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                                                                                                                                            US-10-389-155-97
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                                                                                                    Query Match
                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 97: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                   1.1%;
Local Similarity 88.9%;
hes 16; Conservation
                                                                                                                                                               NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "T at positions 13-18 may be
present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 97:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/10/389,155
FILING DATE: 13-Mar-2003
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PETENTIN Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                           FEATURE
                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Improved Humanized Immunoglobulins NUMBER OF SEQUENCES: 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Queen,
                                                                                                                                                                                                                                                                                                                                              LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/325,000 FILING DATE: 01-UN-1999 APPLICATION NUMBER: US 07/290,975 FILING DATE: 28-DEC-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94111-3834
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/310,252 FILING DATE: 13-FEB-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Townsend and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/590,274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Schneider, William P.
Landolfi, Nicholas F.
Coelingh, Kathleen L.
Selick, Harold E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Co, Man Sung
                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                           576-0300
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                                                             <u>,</u>
                                                                                   Score 14.8; DB 1;
Pred. No. 2.1e+02;
                                                               Mismatches
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Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Version #1.30
                                                                                                    Length 18;
                                                             Indels
                                                             <u>,</u>
                                                             Gaps
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; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides US-10-334-143-204
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Probe sequence derived from human genomic sequence US-10-271-602B-84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 237
US-10-271-602B-84
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US-10-334-143-204/c
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                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 204
SEUGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 204, Appublication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 84
LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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APPLICANT: Ghazala Hashmi
APPLICANT: Michael Seul
TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
FILE REFERENCE: eMAP-US
FILE REFERENCE: eMAP-US
                                                                                                                                                                                                                                                    FILE REFERENCE: 038602/1543
CURRENT APPLICATION NUMBER: US/10/334,143
CURRENT FILING DATE: 2002-12-31
PRIOR APPLICATION NUMBER: 60/343,169
PRIOR FILING DATE: 2001-12-31
NUMBER OF SEQ ID NOS: 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 212
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/271,602B
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/329,427
PRIOR FILING DATE: 2001-10-14
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SUDARSANAM, SUCHA
TITLE OF INVENTION: METHOD FOR DETECTING REMOTE HOMOLOGUES AND NOVEL
TITLE OF INVENTION: KINASES IDENTIFIED WITH THE METHOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: GRIGORIEV, IGOR VYACHESLAVOVICH APPLICANT: SUDARSANAM, SUCHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/329,620
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR FILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR FILING DATE: 2001-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/364,416 PRIOR FILING DATE: 2002-03-14
                                             FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1520 АДАЛАДАЛАДАДСТАЛА 1537
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/10334143 o. US20040009549A1
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Pred. No. 2.1e
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 18;
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                        in length
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Query Match

1.1%;

Score 14.8;

DB 1;

Length 18;

88.98;

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SEQUENCE DESCRIPTION: SEQ ID NO: 97: US-10-389-417-97
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                                                                                                                                                                                                                                                                                      TELEFAX: (415) 576-0
INFORMATION FOR SEQ ID NO: 97:
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1986
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/484,537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION NUMBER: US/10/389,417
FILING DATE: 13-Mar-2003
CLASSIFICATION: Unknown>
                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE; nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 011823-002650US TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                  MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Improved Humanized Immunoglobulins NUMBER OF SEQUENCES: 100
                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Queen, Cary L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1520 ААЛААЛАЛАЛАГТААЛА 1537
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                                                     NAME/KEY: modified base
LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "T at positions 13-18 may be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: California COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                           NAME: Smith, William M. REGISTRATION NUMBER: 30,223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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Landolfi, Nicholas F.
Coelingh, Kathleen L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Selick, Harold E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Co, Man Sung
                                                                                                                                                                                                                                                                                                              576-0300
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0; Mismatches 2;
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APPLICANT: Pazoles, Christopher
APPLICANT: Spencer, Marget E.
APPLICANT: Stafford, Angela
FITLE OF INVENTION: Methods for Identifying Genes Regulating
FITLE OF INVENTION: Desired Cell Phenotypes
FILE REFERENCE: 50273/005002
CURRENT APPLICATION NUMBER: US/10/785,744
CURRENT FILING DATE: 2004-02-23
PRIOR APPLICATION NUMBER: US/10/056,479
PRIOR APPLICATION NUMBER: US/0056,479
PRIOR APPLICATION NUMBER: US/00263,807
PRIOR APPLICATION NUMBER: US/00765,479
PRIOR PILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. 3.2 SEQ ID NO 26
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 15 LENGTH: 18
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: RASHTCHIAN, AYOUB
APPLICANT: SCHUSTER, DAVID M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
FILE REPERSNCE: 38266-0011
CURRENT APPLICATION NUMBER: US/10/653,416
CURRENT FILING DATE: 2003-09-03
PRIOR APPLICATION NUMBER: 60/407,248
PRIOR FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according OTHER INFORMATION: to the specification as filed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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Similarity 88.9%;
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Haudenschild, Christian
                                                                                                                                                                                                                                                                                                                                                                                                          McAlpine, James B.
Neilsen, Soren
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Pred. No. 2.1e+02;
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Pred. No. 2.1e+02;
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APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial
OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Synthetic US-10-785-744-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-628-525-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 30, Application US/10628525 Publication No. US20040185114A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local
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Publication No. US20040171571A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/10/628,525
PILING DATE: 28-Jul-2003
CLASSIPICATION: 800
                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/941,445
FILING DATE: 30-SEP-1997
                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan,
STREET: 5370 Manhattan Circle
                                                                                                                                                                                                                                                                                                                                                                                                  Guan, Hanping
TITLE OF INVENTION: Starch Encapsulation
NUMBER OF SEQUENCES: 37
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                                                                                                                                                                                                                                                  COUNTRY: US
                                                                                                                                                                                                                                                                                             STATE: CO
                                                                                                                                                                                                                                                                                                                  CITY: Boulder
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Pred. No. 2.1e+02;
0; Mismatches 2;
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                                                                                                                                  , OTHER INFORMATION: Combined DNA/RNA US-09-917-138-1
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US-09-917-138-1/c
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                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/136,545
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: TULLIS, Richard
APPLICANT: STEIFFEL, Jerome
TITLE OF INVENTION: ENZYMATIC LABELIING AND DETECTION OF DNA
TITLE OF INVENTION: HYBRIDIZATION PROBES
FILE REFERENCE: 24730-2207B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/09917138
Patent No. US20020031776A1
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                                                                  Matches
                                                                                  Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/917,138
CURRENT FILING DATE: 2001-07-26
PRIOR APPLICATION NUMBER: 09/580,358
PRIOR FILING DATE: 2000-05-25
                                                                                                                                                                               OTHER INFORMATION: Oligonucleotide Primer NAME/KEY: modified_base LOCATION: (1)
OTHER INFORMATION: Biotinylation at the 5'
NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                        LENGTH: 19
                                                                                                                                                                     LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: Not Relevant
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,547
REFERENCE/DOCKET NUMBER: 89-97
TELECOMMUNICATION INFORMATION:
                          1520 AAAAAAAAAAAGTAAAA 1537
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 19
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                                                                                    Similarity
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 AAAAAAAAAAAAAAA 2
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                                                                 Conservative
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                                                                                  1.1%;
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                                                               ; Score 14.8; D.; Pred. No. 2.2e.
0; Mismatches
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                                                                                                    DB 1;
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RESULT 245 US-09-917-138-2

; Sequence 2, Application US/09917138

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TITLE OF INVENTION: ENZYMATIC LABELIING AND DETECTION OF DNA
TITLE OF INVENTION: HYBRIDIZATION PROBES
FILE REFERENCE: 24730-2207B
CURRENT APPLICATION NUMBER: US/09/917,138
CURRENT FILING DATE: 2001-07-26
PRIOR APPLICATION NUMBER: 09/580,358
PRIOR APPLICATION NUMBER: 09/580,358
PRIOR FILING DATE: 2000-05-25
PRIOR FILING DATE: 1909-05-25
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FASTSEQ for Windows Version 4.0
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CURRENT FILING DATE: 2001-07-09
PRIOR APPLICATION NUMBER: US 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: US 60/099,658
PRIOR APPLICATION NUMBER: US 09/218,207
PRIOR APPLICATION NUMBER: US 09/218,207
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: US 09/218,907
PRIOR APPLICATION NUMBER: US 09/338,907
PRIOR APPLICATION NUMBER: US 09/338,907
PRIOR APPLICATION NUMBER: US 09/853,526
PRIOR FILING DATE: 1909-06-23
PRIOR FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 578
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US-09-901-484A-515/c
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                                                                                          US-09-901-484A-515
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Best Local Similarity 88.9%;
Matches 16; Conservative
                              Query Match
Best Local :
                                                                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.1 SEQ ID NO 515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 515, Application US/09901484A
Patent No. US20020119460A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bougueleret, Lydie TITLE OF INVENTION: Prostate Cancer Gene FILE REFERENCE: GEN-T111XC3D2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, I
                                                                                                  FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(19)
OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
NAME/KEY: misc_feature
LOCATION:
                                                                                                                                                                                                              TYPE: DNA
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                                                                                                                                                                                                                                 ENGTH:
y match 1.1%;
Local Similarity 88.9%;
tes 16; Conservative
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      Score 14.8; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 2
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Pred. No. 2.2e+02;
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                                                 DB 1;
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        Gaps
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; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1). (19)
; OTHER INFORMATION: potential microsequencing oligo for 4-52-163.mis2
US-09-901-484A-526
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APPLICANT: Bouguelaret, Lydie

PITTLE OF INVENTION: Prostate Cancer Gene

PILE REFERENCE: GEN TI11XC3D2

CURRENT APPLICATION NUMBER: US 09/901,484A

CURRENT FILING DATE: 2001-07-09

PRIOR APPLICATION NUMBER: US 66/09,658

PRIOR PILING DATE: 1998-09-09

PRIOR PILING DATE: 1998-09-09

PRIOR PILING DATE: 1998-09-09

PRIOR PILING DATE: 1998-12-22

PRIOR APPLICATION NUMBER: US 09/218,207

PRIOR APPLICATION NUMBER: US 09/338,907

PRIOR PILING DATE: 1998-12-23

PRIOR APPLICATION NUMBER: US 09/338,907

PRIOR PILING DATE: 1999-06-23

PRIOR FILING DATE: 1999-05-23

PRIOR FILING DATE: 2001-05-11

NUMBER OF SEQ ID NOS: 578
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Best Local
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                                                                                             PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: 60/099,658
PRIOR FILING DATE: 1998-09-09
PRIOR FILING DATE: 1998-09-09
                                                                                                                                                                                                                    APPLICANT: 11ya, Chumakov
APPLICANT: BOUGHeleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET, 18CP1CP
CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILLING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 09/338,907
PRIOR APPLICATION NUMBER: 09/338,907
PRIOR APPLICATION NUMBER: 09/218,207
PRIOR FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
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TYPE: DNA
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16; Conservative
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Pred. No. 2.
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US-09-970-971A-15/c

Sequence 15, Application US/09970971A

Publication No. US20030096979A1

GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah

APPLICANT: Mohan, Venkatraman

APPLICANT: Cook, Phillip Dan

APPLICANT: Kawasaki, Andrew M.

TITLE OF INVENTION: Oligonucleotides Having Di
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; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-853-526-515
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PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: 60/099,658
PRIOR FILING DATE: 1998-09-09
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 09/218,207
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SOFTWARE: Patent.pm
SEQ ID NO 526
LENGTH: 19
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APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILING DATE: 2001-05-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, NAPPLICANT: Ilya, Chumako APPLICANT: Bougueleret,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1998-12-22
CURRENT APPLICATION NUMBER: US/09/970,971A
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LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-52-163.mis2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
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ENGTH: 19
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Local Similarity 88.9%;
es 16; Conservation
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Pred. No. 2.2e+C
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Pred. No. 2.2e+02
D; Mismatches
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                                       DNA Form and B-DNA Form Conformational
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CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 34
SOFTMARE: Patentin version 3.1
SEQ ID NO 15
LENGTH: 19
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Oligonucleotides Having
                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.1
SEQ ID NO 16
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 16, Application US/09970971A Publication No. US20030096979A1
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                                                                                                 Query Match
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CURRENT FILING DATE: 2002-05-03
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                                                                                                                                                NAME/KEY: misc_feature LOCATION: (1)...(19)
OTHER INFORMATION: P=O
                                                                                                                                                                                                FEATURE:
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LOCATION: (1)..(19)
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                                                                                                                                                                                                                  OTHER INFORMATION: 3'-O-MOE
                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (16)..(19)
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Similarity 88.9%;
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                                                                  Conservative
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                                                                0; Mismatches
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Pred. No. 2
                                                                                 Score 14.8;
Pred. No. 2.
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RESULT 252
US-09-970-971A-26/c
US-09-970-971A-26/c
; Sequence 26, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:

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RESULT 254
US-09-996-292A-55/c
US-09-996-292A-55/c
J Sequence 55, Application US/09996292A
J Publication No. US20030158403A1
J GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/996,292A CURRENT FILING DATE: 2001-09-28 NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.1
SEQ ID NO 54
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/970,971A
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.1
SEQ ID NO 26
SEQ ID NO 26
FEATURE: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                    Query Match
Best Local (
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Best Local :
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APPLICANT: Maier, Martin A.
APPLICANT: Prakash, Thazha P.
APPLICANT: Rajeev, Kallanthottathil Gopalan
APPLICANT: Rajeev, Kallanthottathil Gopalan
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   APPLICANT:
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TITLE OF INVENTION: Oligonucleotides Having
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                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: N= |
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OTHER INFORMATION: Completely
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LOCATION: (16)...(19)
OTHER INFORMATION: 2'-modified
                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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OTHER INFORMATION: No.
                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                                                                                    1520 AAAAAAAAAAAAGTAAAA 1537
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16; Conserv
Manoharan, Muthiah
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                                                                                                                                     AAAAAAAAAAAAAAAAA 1
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Cook, Phillip Dan
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Pred. No. 2.2e
0; Mismatches
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Pred. No. 2
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RESULT 256 US-10-208-357-25

; Sequence 25, Applica ; Publication No. US20 ; GENERAL INFORMATION:

Application US/10208357

US20020182687A1

APPLICANT: Kurz, Markus APPLICANT: Lohse, Peter

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                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/274,236
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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SEQ ID NO 55
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                          LENGTH: 19

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: n = A,T,C or G
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Publication No. US20020164628A1
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Best Local (
                                                                        Matches
                                                                                      Query Match 1.1%;
Best Local Similarity 88.9%;
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCE
FILE REFERENCE: 492692000700
CURRENT APPLICATION NUMBER: US/10/096,221
CURRENT FILING DATE: 2002-06-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Prakash, Thazha P.
APPLICANT: Rajeev, Kallanthottathil Gopalan
TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: ISIS-4804
FURRENT APPLICATION NUMBER: US/09/996,292A
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 55
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OTHER INFORMATION: Completely synthetic sequence
FEATURE:
NAME KEY: misc feature
LOCATION: (19)...(19)
OTHER INFORMATION: N= G-clamp modification
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                                  1520 AAAAAAAAAAAAGTAAAA 1537
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2 AAAAAAAAAAAAAAAA 19
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                                                                      Conservative
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                                                                                      Score 14.8; DB 1
Pred. No. 2.2e+02
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Pred. No. 2.2e+02;
0; Mismatches 2
                                                                        Mismatches
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APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT APPLICATION NUMBER: US/9/619,103
PRIOR APPLICATION NUMBER: US/9/619,103
PRIOR FILLING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILLING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTMARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
COULED TUPORMATION. designed sequence
                                                                                                  RESULT 258
US-10-123-597-2/c
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Best Local Similarity 88.9
Matches 16; Conservative
GENERAL INFORMATION:
APPLICANT: Cook, Phillip
APPLICANT: Kawasaki, And
                                                      Sequence 2, Application US/10123597
Publication No. US20030078415A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
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Publication No. US20030078415A1
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Best Local :
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Praker, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH: 19
                                                                                                                                                                                                                                                                  Local Similarity
nes 16; Conserv
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  Kawasaki, Andrew M
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                                                                                                                                                                                                                                                                                  1.1%;
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Pred. No. 2.2e
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Pred. No. 2.2e+02;
0; Mismatches 2;
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US-10-123-597-3/c
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                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                      Query Match
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                                                                         Best
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
OTHER INFORMATION: Description of Artificial Sequenc NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
                                                                                                                                                                                                                       LENGTH: 19
TYPE: DNA
                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (15). (18) OTHER INFORMATION: 2'-methoxyethoxy
                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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                           1520 АААААААААААСТАААА 1537
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19
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                                                         l Similarity 88.9
16; Conservative
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                                                         1.1%; Score 14.8; DB 1
88.9%; Pred. No. 2.2e+02
ative 0; Mismatches
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Pred. No. 2
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                                                                                      Length 19;
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RESULT 260 US-10-123-597-4/c

Sequence 4, Application US/10123597 Publication No. US20030078415A1

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; FEATURE:
; OTHER INFORMATION: Description of Artificial
; NAME/KEY: misc_feature
; LOCATION: (16)...(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5
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US-10-123-597-5/c
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                                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 2002-07-10
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARF: 555-5-1
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISISS040
CURRENT APPLICATION
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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CURRENT FILING DATE: 2002-07-10
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APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muth
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TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                                                                                                                                                   LENGTH: 19
TYPE: DNA
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APPLICANT: Kawasaki, And
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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Local Similarity 88.9%;
les 16; Conservation
                                     1520 AAAAAAAAAAAAGTAAAA 1537
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Manoharan, Muthiah
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Pred. No. 2.2e
O; Mismatches
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Pred. No. 2.
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                                                                                            2.2e+02;
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                                                                                                            Length 19;
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RESULT 262

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Matches
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                                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Praker, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
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APPLICANT:
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APPLICANT: Fraser, Allister Synthesis of 2'-0-Modified Nucleosides
TITLE OF INVENTION: Regioselective Synthesis of 2'-0-Modified Nucleosides
FILE REFERENCE: ISIS5040
                                                                                                                                                                   LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (18)..(18)
OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
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APPLICANT: Kawasaki, Andre
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APPLICANT: Kawasaki, Andre
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OTHER INFORMATION: 5-methyl-2'-O-propyl
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TYPE: DNA
ORGANISM: Artificial Sequence
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Prakash, Thazha P
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                                                                               Conservative
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                                                                               Score 14.8; D
Pred. No. 2.2e
0; Mismatches
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Pred. No. 2.2e+02;
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FILE REFERENCE: ISIS5040

CURRENT APPLICATION NUMBER: US/10/123,597

CURRENT FILING DATE: 2002-07-10

PRIOR APPLICATION NUMBER: 09/227,782

PRIOR FILING DATE: 1999-01-08

NUMBER OF SEQ ID NOS: 28

SOPTWARE: PALENTIN VERSION 3.1

SEQ ID NO 12

LENGTH: 19
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Publication No. US20030078415A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
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US-10-123-597-8/c
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US-10-123-597-12/c
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APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muth
APPLICANT: Prakash, Thazha
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Best Local :
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  Best Local Similarity 88.9%;
Matches 16; Conservative
                                           Query Match
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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APPLICANT: Mancharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective
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                                                                                                        NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (18) (18)
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                                                                                                                                                                                                                                                TYPE: DNA
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Local Similarity 88.9%;
hes 16; Conservarion
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Prakash, Thazha P
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Score 14.8; DB 1; Length 19; Pred. No. 2.2e+02; O; Mismatches 2; Indels
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Pred. No. 2.2e+02;
0; Mismatches 2;
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US-10-123-597-15/c
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SEQ ID NO 15
LENGTH: 19
TYPE: DNA
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Publication No. US20030078415A1
GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Mutl
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 28
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                                                                                                          NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-me
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                         OTHER INFORMATION: Description
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Manoharan, Muthiah
Prakash, Thazha P
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Manoharan, Muthiah
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    1.1%;
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Pred. No. 2.2e+02:
0; Mismatches
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        Score 14.8;
                                                                                                                                                                                                                                         of Artificial Sequence: Synthetic construct
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        DB 1;
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Length 19;
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Sequence 22, Application US/10100321
Publication No. US20030087251A1
GENERAL INFORMATION:
APPLICANT: Kurn, Nurith
APPLICANT: Kurn, Nurith
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE REFERENCE: 49269200500
CURRENT APPLICATION NUMBER: US/10/100,321
CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/274,550
PRIOR FILING DATE: 2001-03-09
INMEDED OF 670 TO NOO. 20
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US-10-123-597-25/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-100-321-22
                                                                                                     NUMBER OF SEQ ID NOS: 24

SOPTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 22

ENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 25
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: ISIS5040
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methyleneiminooxyethoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                        OTHER INFORMATION: Primer
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No. US20030078415A1
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Conservative
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Pred. No. 2
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; LENGTH: 19; TYPE: DNA
; ORGANISM: Artificial
; PEATURE:
; OTHER INFORMATION: No. US20030088088A1el Sequence
US-10-232-881-1
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                                                                                                                                                           PRIOR APPLICATION NUMBER: US/09/288,679
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: 60/118,564
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.0
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/10232881 Publication No. US20030088088A1
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Publication No. US20030087251A1
Query Match
Best Local Similarity
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TITLE OF INVENTION: MEDICATION OF RNA SEQUENCES
FILE REFERENCE: 49269200500
CURRENT APPLICATION NUMBER: US/10/100,321
CURRENT FILLING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/274,550
PRIOR FILING DATE: 2001-03-09
PRIOR FILING DATE: 2001-03-09
                                                                                                                                                                                                                                                                                   APPLICANT: Krotz, Achim
APPLICANT: Cole, Douglas
APPLICANT: Guzaev, Andrei
TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
TITLE OF INVENTION: Compounds
FILE REFERENCE: ISISJ380
CURRENT APPLICATION NUMBER: US/10/232,881
CURRENT FILING DATE: 2002-08-30
CURRENT FILING DATE: 2002-08-30
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Ravikumar, Vasulinga APPLICANT: Manoharan, Muthia
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OTHER INFORMATION: Primer
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1.1%;
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Pred. No. 2.
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Pred. No. 2.2e+02;
Score 14.8; DB 1;
Pred. No. 2.2e+02;
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                Length 19;
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CURRENT APPLICATION NUMBER: US/10/247,893
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US/09/612,531
PRIOR FILING DATE: 2000-07-07
PRIOR PRILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; NAME/KEY: misc_feature; LOCATION: (16)..(19); OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]US-10-247-893-3
                                                       NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                Sequence 7, Application US/10247893
Publication No. US20030092046A1
GENERAL INFORMATION:
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                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/247,893
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US/09/612,531
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                 APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Manoharan, Muthiah APPLICANT: Cook, Philip Dan
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                                     ORGANISM: Artificial Sequence
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FEATURE:
OTHER INFORMATION: Oligonucleotide
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Mohan, Venkatraman
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Pred. No. 2
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US-10-098-816-15/c
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                                                                                                                                                                                                                 Sequence 15, Application US/10098816 Publication No. US20030105311A1 GENERAL INFORMATION:
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SEQ ID NO 13
LENGTH: 19
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Best Local
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Publication No. US20030092046A1
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Best Local
                TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry FILE REPERENCE: 15133310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION UNMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/247,893
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US/09/612,531
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
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APPLICANT: Mohan, Venkatraman
APPLICANT: Mohan, Venkatraman
APPLICANT: Mohan, Venkatraman
APPLICANT: Mohan, Venkatraman
APPLICANT: Prakash, Thazha P.
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LOCATION: (19)..(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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NAME/KEY: misc_feature
LOCATION: (19)..(19)
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LOCATION: (17) ... (17)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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SEQ ID NOS: 34
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88.9%; Pred. No. 2.2;
tive 0; Mismatches
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Pred. No. 2
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US-10-098-816-16/c
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                                                                                                    NAME/KEY: misc feature; LOCATION: (18)...(19); OTHER INFORMATION: 2'-US-10-098-816-16
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 16
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Publication No. US20030105311A1
                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 2'
                                                                                                                                                                                                                                                          NAME/KEY: misc_feature LOCATION: (16)..(17) OTHER INFORMATION: 2'
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OTHER_INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
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LOCATION: (17)..(18)
OTHER INFORMATION: 3' -
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LOCATION: (16)...(17)
OTHER INFORMATION: 3' -
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LOCATION: (18)..(19)
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OTHER INFORMATION: Oligonucleotide
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                              y Match 1.1%;
Local Similarity 88.9%;
hes 16; Conservative
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 1520 AAAAAAAAAAAAGTAAAA 1537
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                              Score 14.8; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 2;
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Pred. No. 2.2e+02;
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RESULT 278
US-10-098-816-18/c
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US-10-098-816-17/c
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                                                                                                                                                                                                                   Sequence 18, Application US/10098816 Publication No. US20030105311A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.0 SEQ ID NO 17 LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 17, Application No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR APPLICATION STORY OF SEQ ID NOS: 34
NUMBER OF SEQ ID NOS: 34
                                                                                                                             APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Manoharan, Muthiah APPLICANT: Mohan, Venkatrama
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 3' - O-MOE linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 3'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 3'
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NAME/KEY: misc_feature
LOCATION: (15)...(16)
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OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 3' -
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NAME/KEY: misc_feature
LOCATION: (17)..(18)
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                  1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               16;
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No. US20030105311A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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Pred. No. 2.2e+02;
0; Mismatches 2;
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APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Venkatraman
TITLE OF INVENTION: Oligonuclectides Having A DNA Form And B-Di
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-098-816-26/c
; Sequence 26, Application US/10098816
; Publication No. US20030105311A1
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, NAME/KEY: misc feature
; LOCATION: (19)...(19)
; OTHER INFORMATION: 2' - O-MOE
US-10-098-816-18
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                                                                                                           PEATURE: FEATURE |
NAME/KEY: misc_feature |
LOCATION: (16)...(17) |
OTHER INFORMATION: 2'-modified |
FEATURE: |
FEATURE: |
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NAME/KEY: misc_feature
TOATION: (17)...(18)
                                                                                                                                                                                                            NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
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NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 2' -
NAME/KEY: misc_feature LOCATION: (18)..(19)
                                                           NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 2'-modified
                                                                                                                                                                                                                                                                                          TYPE: DNA
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LOCATION: (15)..(16)
OTHER INFORMATION: sub O linkage
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NAME/KEY: misc_feature
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les 16; Conserv
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Pred. No. 2.
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                                                           T linkage
                                                                                                                                       T linkage
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of
TITLE OF INVENTION: Gene Expression Using Short Interfering
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT APPLICATION NUMBER: US 60/393,924
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILLING DATE: 2002-07-03
PRIOR FILLING DATE: 2002-07-03
PRIOR PILLING DATE: 2002-08-06
PRIOR APPLICATION NUMBER: US 60/358,580
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US-10-251-117-3/c
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SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, Application US/10251117
Publication No. US20030170891A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: An, Haoyun
TITLE OF INVENTION: C3'-Methylene Hydrogen
FILE REFERENCE: ISIS-3312
CURRENT APPLICATION NUMBER: US/10/322,242
CURRENT FILING DATE: 2002-12-18
PRIOR APPLICATION NUMBER: US/09/349,033
PRIOR FILING DATE: 1999-07-07
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                      PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
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LOCATION: (19)..(19)
OTHER INFORMATION: 2'-modified T linkage
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16; Conserv
SEQ
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Maier, Martin
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Pred. No. 2.2e+02;
0; Mismatches
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; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: US-10-251-117-252
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; TYPE: RNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-251-117-3
                                                                                                                                                                                                                                                                                  US-10-013-295-54/c
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                                                                                                                                                                                                       Sequence 54, Application US/10013295
Publication No. US20030175906A1
GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: Patentin version 3.0
SEQ ID NO 252
LENGTH: 19
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Best Local Similarity
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APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: ISIS4948
CURRENT APPLICATION NUMBER: US/10/013,295
CURRENT FILING DATE: 2001-12-10
FRIOR APPLICATION NUMBER: 60/302,682
PRIOR APPLICATION NUMBER: 60/302,682
PRIOR FILING DATE: 2001-07-03
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: McSwiggen, James
TITLE OF INVENTION: RAN Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILLING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR PILLING DATE: 2002-07-03
PRIOR PILLIAGION NUMBER: US 10/163,552
PRIOR FILLING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
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Local Similarity 88.9%;
hes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                        469 GGGGCGCGCGGCTGACGG 486
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o. US20030170891A1
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Pred. No. 2.2e+02;
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Pred. No. 2.2e+02
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; ORGANISM: Artificial Sequence; FEATURE: FEATURE: OTHER INFORMATION: No. US20030175906A1el Sequence; NAME/KEY: misc_feature; LCCATION: (19)...(19)...(19); OTHER INFORMATION: N= G-clamp modification US-10-013-295-55
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US-10-013-295-55/c
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PRIOR APPLICATION NUMBER: PCT/EP01/01760
PRIOR FILING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 00970022.1
PRIOR FILING DATE: 2000-02-16
PRIOR APPLICATION NUMBER: 60/195,777
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: 00870320.9
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
                                                                                                                                                                                                                                                           Sequence 52, Application US/10204254A Publication No. US20030176649A1 GENERAL INFORMATION:
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LENGTH: 19
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Publication No. US20030175906A1
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                                                                                                                                                            APPLICANT: VIKKULA, Mikka
TITLE OF INVENTION: VMGLOM gene and its mutations causing disorders with a vascular
FILE REFERENCE: DELCES9.001APC
CURRENT APPLICATION NUMBER: US/10/204,254A
CURRENT FILING DATE: 2002-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Mancharan, Muthiah
TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: ISIS4948
CURRENT APPLICATION NUMBER: US/10/013,295
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/302,682
PRIOR APPLICATION NUMBER: 60/302,682
PRIOR FILING DATE: 2001-07-03
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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ORGANISM: Artificial Sequence
FEATURE:
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LOCATION: (19)..(19)
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Local Similarity 88.9%;
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Pred. No. 2
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Pred. No. 2
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APPLICANT: WU, MING
APPLICANT: WU, MING
TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
FILE REFERENCE: 3817.10-2
CURRENT APPLICATION NUMBER: US/10/371,600
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: 60/379,360
PRIOR FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-14
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; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-204-254A-52
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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          TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISME TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
CURRENT FILING DATE: 2002-06-11
CURRENT FILING DATE: 2002-06-11
PRIOR APPLICATION NUMBER: US/08/986,065
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                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                           APPLICANT: SOSNOWSKI, RONALD G
APPLICANT: BUTLER, WILLIAM F
APPLICANT: TU, EUGENE
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FILING DATE:
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EDMAN, CARL F
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Pred. No. 2.2e+02
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Pred. No. 2.2e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: Amine ; OTHER INFORMATION: conjugate to provide reactivity with dyes US-10-170-172-16
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US-10-205-309-650
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CURRENT APPLICATION NUMBER: US/10/205,309
CURRENT FILING DATE: 2002-10-25
NUMBER OF SEQ ID NOS: 674
SOFTWARE: Patentin version 3.0
SEQ ID NO 325
                                                                                   NUMBER OF SEQ ID NOS: 674
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 650
LENGTH: 19
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SOFTWARE: PatentIn Ver.
SEQ ID NO 16
                                                                                                                                                                                                                                                                                               Publication No. US200 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                    Sequence 650,
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                                                                                                                                                                                                  TITLE OF INVENTION: RNA Interference TITLE OF INVENTION: Interfering RNA FILE REFERENCE: 900/033
                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/205,309
CURRENT FILING DATE: 2002-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using
TITLE OF INVENTION: Interfering RNA
                                                                                                                                                                                                                                                          APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA ORGANISM: Artificial Sequence FEATURE:
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                                                  ORGANISM: Artificial Sequence
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               OTHER INFORMATION: Description of Artificial Sequence:
                                  FEATURE:
                                                                       TYPE: RNA
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o. US20030190635A1
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88.9%; Pred. No. 2
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Pred. No. 2.2e+02;
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                   siNA antisense region
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PRIOR FILING DATE: 2000-07-01
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 33
LENGTH: 19
                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US/9/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: DANCE: PRIOR FILING DATE: DANCE: PRIOR DATE: DANCE: D
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APPLICANT: Bickel, et al.

TITLE OF INVENTION: Method for the qualitative and/or quantitative detection of molec

TITLE OF INVENTION: interactions on probe arrays
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Publication No. US20030215891A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET, 20CCP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
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CURRENT APPLICATION NUMBER: US/10/331,109
CURRENT FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: PCT/EP01/07575
PRIOR FILING DATE: 2001-07-02
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APPLICANT: Blumenfeld, Marta
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-3479 for SEQ 3358,
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ORGANISM: Artificial sequence
FEATURE:
                                                                                                                      TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                                                                                                                                     ENGTH: 19
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Pred. No. 2.2e+02;
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Pred. No. 2.
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US-10-359-328-26/c
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Publication No. US20
GENERAL INFORMATION:
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                                                                                                         SOFTWARE: PatentIn version 3.2 SEQ ID NO 26
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                                                                                                                                                                                          APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-5140
CURRENT APPLICATION NUMBER: US/10/359,328
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
                                                                                                                                         PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 32
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CURRENT FILLNG DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR PILING DATE: 1999-08-06
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 32
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TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-5140
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APPLICANT: Cook, Phillip Dan
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FEATURE:
OTHER INFORMATION: Synthetic construct
FEATURE:
                                                  LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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Similarity 88.9%;
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Pred. No. 2
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Pred. No. 2.2e+02;
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OTHER INFORMATION: 2'-O-(2-(2-N,N-dimethylaminoethyl)oxyethyl]-
, OTHER INFORMATION: sub-T)
US-10-359-328-26
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; ORGANISM: Nicotiana
US-10-387-346B-154
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                                                                                                                                                                                                                                                                                      Sequence 246, Applic
Publication No. US20
GENERAL INFORMATION:
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Best Local Similarity
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LENGTH: 19
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              APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Bavco, Pamela
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
TILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/387,346B
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: 10/293,252
PRIOR FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: 10/340,861
PRIOR FILING DATE: 2003-01-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Xu, Dongmei
TITLE OF INVENTION: Cloning of Cytochrome P450 Genes from
TITLE OF INVENTION: Nicotiana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/337,684 PRIOR FILING DATE: 2001-11-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature LOCATION: (16)..(19)
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FILING DATE: 2002-01-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/363,684 FILING DATE: 2002-03-12
APPLICATION NUMBER: US 60/399,348
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D. US20040117869A1
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Pred. No. 2.2e+02;
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Pred. No. 2.
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.ches 2;
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FILLE BOF LINVENTION IN THE EXPLORATION OF THE REFERENCE: 400/131 (MHBBG2-742-F):
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR PILING DATE: 2003-09-18
PRIOR PILING DATE: 2003-09-29
PRIOR PILING DATE: 2003-02-20
PRIOR PILING DATE: 2002-07-29
PRIOR PILING DATE: 2002-07-29
PRIOR PILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-11-04
PRIOR PILING DATE: 2002-11-04
PRIOR PILING DATE: 2002-11-7
PRIOR PILING DATE: 2002-11-9
PRIOR PILING DATE: 2002-11-9
PRIOR APPLICATION NUMBER: US 60/36,747
PRIOR PILING DATE: 2002-11-7
PRIOR PILING DATE: 2002-05-29
PRIOR PILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR PILING DATE: 2002-03-11
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Recept
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Sirna Therapeutics,
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                       Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 2455
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
APPLICATION NUMBER: US 10/287,949
FILING DATE: 2002-11-04
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FILING DATE: 2002-05-29
APPLICATION NUMBER: US 60/358,580
FILING DATE: 2002-02-20
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APPLICATION NUMBER: US 60/386,782
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PatentIn version 3.2
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Beigelman, Leonid
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.2e+02;
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RESULT 298
US-09-005-243-32/c
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Publication No. US20010016652A1
GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Master, Martin A.
TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
TITLE OF INVENTION: Oligomeric Compounds
FILE REFERENCE: ISIS4528
CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT FILING DATE: 2000-11-29
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.0
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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Matches 13; Conservative
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NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)...(20)
OTHER INFORMATION: 2'-methoxyethoxy (MOE)
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                    APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BNGTH:
                                                                                                                                                                                                                                                                                     APPLICANT:
                                                            STREET: 6300 Sears Tower, 233 Sout CITY: Chicago STATE: Illinois COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                  ADDRESSEE: Marshall, O'Toole,
STREET: 6300 Sears Tower, 233
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                                                                                                                                                                                                                                                                                   Zsebo, Krisztina M.
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72.2%;
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Pred. No. 2.
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Pred. No. 2.2e+02
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                                                                                                                                    Gerstein, Murray & South Wacker Drive
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US-09-005-243-32
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                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                       NUMBER OF CARCELLE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
ADDRESSEE: A100 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
                                                                             STREET: Chicago
CITY: Chicago
Illinois
United
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APPLICATION NUMBER: US/09/005,243
FILING DATE:
                                                                                                                                                                                                      APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/5
FILING DATE: 24-AUG-1990
                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: 07/90
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                              APPLICANT:
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TELEFAX: 312/47
TELEX: 25-3856
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STRANDEDNESS: single
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COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                    COUNTRY: United States ZIP: 60606-6402
                                  MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH:
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                              Floppy disk
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Pred. No. 2.
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US-09-224-683-32/c
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Best Local Similarity 88.9%;
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                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole,
STREET: 6300 Sears Tower, 233
                                                                                                                                                                                                              APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor: Composition Claims
NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/005,243
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PRIOR APPLICATION UNMBER: 07/537,198
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APPLICATION NUMBER:
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FILING DATE: 24-AUG-1990
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CLASSIFICATION:
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                                                                                                        COUNTRY:
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REFERENCE/DOCKET NUMBER: 01017/34465
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                                                                                            60606-6402
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                                                                                                          Illinois : United States of America
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 14.8; DB 1
Pred. No. 2.4e+02
                                                                                                                                                             Gerstein, Murray & Borun
South Wacker Drive
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; MOLECULE TYPE:
US-09-224-683-32
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                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
   COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole,
STREET: 6300 Sears Tower, 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/5'
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
RIFTED TO THE PRIOR NUMBER: 07/589,701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 312/474-6300
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APPLICATION NUMBER: 08/449,653
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APPLICATION NUMBER: 09/0
FILING DATE: 12-JAN-1998
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                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 25-3856
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                          Chicago
Illinois
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16-OCT-1989
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APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor: Composition Claims
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      01017/35136
                                                                                                                                                                                                                                                                                                                                                                               Score 14.8;
Pred. No. 2.
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Gerstein, Murray & Borun
South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                 .4e+02
                                                                                                                                                                                                                                                                                                                                                                                                    DB 1;
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RESULT 302
US-09-916-369A-1/c
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                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Dellinger, Douglas J
APPLICANT: Perbost, Michael GM
APPLICANT: Caruthers, Marvin H
                                                                                                                                                                                                                                               Sequence 1, Application US/09916369A Publication No. US20020058802A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 1.1%;
Best Local Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
FILE REFERENCE: 10003869-1
CURRENT APPLICATION NUMBER: US/09/916,369A
CURRENT FILING DATE: 2001-07-21
PRIOR APPLICATION NUMBER: US 09/627,249
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 9
                                                                                                           APPLICANT: Betley, Jason R
TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotectic
TITLE OF INVENTION: Chemistry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 07/573
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION UMBER: 07/422
FILING DATE: 16-CCT-1999
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 07/91
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 07/5
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/449,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 36,107 REFERENCE/DOCKET NUMBER: 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Clough, David W. REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/224,683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                  1520 AAAAAAAAAAAAGTAAAA 1537
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Pred. No. 2.4e+02;
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RESULT 304 US-09-973-638A-55

Sequence 55, Application US/09973638A Patent No. US20020137070A1 GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Robert

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                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence:random ; OTHER INFORMATION: synthetic sequence US-09-973-788A-55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.1 SEQ ID NO 1
                                                                                Matches
                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: AND USES THEREFOR
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i10
CURRENT APPLICATION NUMBER: US/09/973,788A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                  LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Mirkin, Chad A.
                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                   1520 AAAAAAAAAAAGTAAAA 1537
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1 AAAAAAAAAAAAAAAAA 18
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                                                                             Conservative
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88.9%;
                                                                                              1.1%;
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                                                                       Score 14.8; DB 1,
Pred. No. 2.4e+02,
0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
                                                                                                                 DB 1;
                                                                                                                   Length 20;
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CURRENT APPLICATION NUMBER: US/09/974,007
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PELLING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR PELLING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
US-09-973-638A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-974-007-55
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PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
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Matches
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Patent No. User
Patent INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 55, App.
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SEQ ID NO 55
LENGTH: 20
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-19
FILE REFERENCE: 00-713-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 64
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APPLICANT:
APPLICANT:
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1.1 Similarity 88.9%;

16; Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Storhoff, James J.
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$20020137071A1
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Pred. No. 2.4e+02;
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RESULT 307 US-09-961-949A-55

Sequence 55, Application US/09961949A
Patent No. US20020146720A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Storhoff, James J.

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; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-974-007-55
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                                                                                                                                          US-09-976-617A-55
                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 1990-06-25
PRIOR ETLING DATE: 1990-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1990-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 306
                                                                                                                                                                                                             SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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                                                                     Matches
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                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-124
CURRENT EPPLICATION NUMBER: US/09/976,617A
CURRENT FILING DATE: 2002-03-05
CURRENT FILING DATE: 2002-03-05
                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Mirkin, Chad A.
                                                                                                                                                   FEATURE: OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                     Local
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                      1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                     16;
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1 AAAAAAAAAAAAAAAAA
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US20020137072A1
                                                                                     Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Storhoff, James J.
                                                                   Conservative
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                                                                                     1.1%;
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                                                                     Score 14.8; D
Pred. No. 2.4e
0; Mismatches
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Pred. No. 2
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                                                                                       .4e+02
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PRIOR APPLICATION NUMBER: 09/603,830
PRIOR PILING DATE: 2000-06-26
PRIOR PELICATION NUMBER: 09/344,667
PRIOR PILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 09/031,809
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
                        NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-11

CURRENT APPLICATION NUMBER: US/09/961,949A

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR PRIOR PILING DATE: 1999-06-25

PRIOR PILING DATE: 1999-06-25

PRIOR PILING DATE: 1999-01-29

PRIOR PILING DATE: 1999-01-29

PRIOR PILING DATE: 1999-07-21

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR APPLICATION NUMBER: 60/031,809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-715-A
                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/200,161 PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/760,500A CURRENT FILING DATE: 2002-03-05
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APPLICANT: Letsinger, Rob
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1520 АДАЛАЛАЛАЛАГТАЛАЛ 1537
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16; Conserv
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: Mucic, Robert C.
: Storhoff, James J.
: Elghanian, Robert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.1%; Score 14.8; DB 1; llarity 88.9%; Pred. No. 2.4e+02; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2002-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
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US-09-975-062A-55

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob APPLICANT: Mucic, Robert

Letsinger, Robert L. Mucic, Robert C.

APPLICANT:

Mucic, Robert C. Storhoff, James J. Elghanian, Robert

Sequence 55, Application US/09975062A Patent No. US20020155459A1

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NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TOAN: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence:random ; OTHER INFORMATION: synthetic sequence US-09-760-500A-55
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CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR PELLING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/27/12783
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 1906-07-29
PRIOR FILING DATE: 1906-07-26
PRIOR FILING DATE: 1000-04-26
PRIOR FILING DATE: 1000-04-26
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                                                                               Matches
                                                                                              Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 00-713-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Mirkin, APPLICANT: Letsing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
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                                   1520 AAAAAAAAAAAGTAAAA 1537
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1 AAAAAAAAAAAAAAAA 18
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                                                                               Conservative
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                                                                                              1.1%;
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Pred. No. 2.4e
0; Mismatches
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                                                                                              Score 14.8;
Pred. No. 2
                                                                                  Mismatches
                                                                                                  4e+02
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                                                                                                                   Length 20;
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APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-125
CURRENT APPLICATION NUMBER: US/09/976,378A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 60/231,809
PRIOR APPLICATION NUMBER: 60/031,809
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PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR PAPPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                  NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local (
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GENERAL INFORMATION:
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                                                                                                                                                                                                      PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Microsoft Word 2000
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CURRENT APPLICATION NUMBER: US/09/975,062A
CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Mirkin,
APPLICANT: Letsin,
APPLICANT: Mucic,
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                           ORGANISM: Artificial Sequence
                                                                               TYPE: DNA
                             FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO OF INVENTION: AND USES THEREFOR
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Mucic, Robert C.
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Pred. No. 2.4e+02;
0; Mismatches 2;
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APPLICANT: STOCHOST, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-120
CURRENT APPLICATION UNMBER: US/09/976,577
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/63,830
PRIOR FILING DATE: 1990-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1900-04-26
NUMMBER: 60/200,161
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; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
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Best Local :
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APPLICANT:
                                                                                                                         APPLICANT: CHARLES, Marie Helene
APPLICANT: PIGA, Nadia
APPLICANT: BATTAIL-POIROT, Nicole
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                                                           APPLICANT:
                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
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CANT: VERON, Laurent
CANT: DELAIR, Thierry
CANT: DELAIR, Therry
CANT: DELAIR, Therry
CANT: DELAIR, Thierry
COF INVENTION: SATURATED AND UNSATURATED ABIETANE DERIVATIVES, DERIVED CONJUGATES
OF INVENTION: USES IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
                                                                                                                                                                                                                                                                                                                                                                                                                       1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16; Conserv
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Storhoff, James J.
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Pred. No. 2.
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Pred. No. 2.4e+02;
0; Mismatches 2
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PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOPTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5
                                                                                                                                      US-09-975-498-55
                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR PPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
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CURRENT APPLICATION NUMBER: US/09/771,554
CURRENT FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: PCT/FR99/01846
PRIOR FILING DATE: 1999-07-27
PRIOR APPLICATION NUMBER: FR 98/10084
PRIOR FILING DATE: 1998-07-31
PRIOR FILING DATE: 1998-07-31
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.0
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                          Query Match
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-114 CURRENT APPLICATION NUMBER: US/09/975,498 CURRENT FILING DATE: 2001-10-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 09/603,830 PRIOR FILING DATE: 2000-06-26
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APPLICANT: Letsin
                                                                                                                                             FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                              Similarity
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                                                        Conservative
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Pred. No. 2.
                                                      Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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PRIOR FILING DATE: 1999-06-25
PRIOR PPLICATION NUMBER: 09/400,755
PRIOR APPLICATION NUMBER: 09/400,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
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APPLICANT: Mirkin, Chad A.
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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               CURRENT APPLICATION NUMBER: US/09/927,777A
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
                                                                                                                          TITLE OF INVENTION: NANOFARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-653-A
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CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
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APPLICATION NUMBER: 09/603,830
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Similarity 88.9%;
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Taton, Thomas A
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Elghanian, Robert
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                                                                                                                                                                                                                        Garimella, Viswanadham
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Pred. No. 2
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FILING DATE:

2000-06-26

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Query Match
Best Local Similarity
"hehes 16; Conserve
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-55
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US-09-927-777A-70
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LENGTH: 20
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APPLICANT:
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APPLICANT: Letsinge
APPLICANT: Mucic, I
APPLICANT: Storhoff
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                                                          APPLICANT: Park, So-Jung
TITLE OF INVENTION: AND USES THEREFOR
FILE OF INVENTION: AND USES THEREFOR
FILE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-653-A
CURRENT APPLICATION NUMBER: US/09/927,777A
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/3144,667
PRIOR FILING DATE: 2009-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
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SOFTWARE: Microsoft Word 2000
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                 APPLICATION NUMBER: 09/240,755 FILING DATE: 1999-01-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1996-07-29
APPLICATION NUMBER: 60/176,409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US97/12783 FILING DATE: 1997-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/254,392
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/031,809
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NUMBER: PCT/US97/12783
                                                                                                                                                                                                                                                                                                                                                                                                                                                Thomas A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Chad A
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88.9%;
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Pred. No. 2.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
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PRIOR FILING DATE: 2000-06-26
PRIOR PELING DATE: 1999-06-25
PRIOR PELING DATE: 1999-06-25
PRIOR PELING DATE: 1999-07-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1997-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 2000-04-26
NUMBER: 05 SEQ ID NOS: 64
NUMBER: 05 SEQ ID NOS: 64
NUMBER: 05 SEQ ID NOS: 64
                     SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-14
CURRENT APPLICATION NUMBER: US/09/966,491A
CURRENT FILING DATE: 2002-03-12
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TYPE: DNA
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OTHER INFORMATION: Description of Artificial Sequence:random
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APPLICATION NUMBER: 60/176,409
FILING DATE: 2000-01-13
APPLICATION NUMBER: 60/192,699
FILING DATE: 2000-03-28
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FILING DATE: 2000-12-08
APPLICATION NUMBER: 60/255,235
FILING DATE: 2000-12-11
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FILING DATE: 2000-04-26
APPLICATION NUMBER: 60/213,906
FILING DATE: 2000-06-26
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16; Conserv
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NG DATE: 1996-07-29
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US-09-880-505-83
; Sequence 83, Application US/09880505
; Publication no. US20030007976A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.J.
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders
; FILS REFERENCE: 11000.1007c2
; CURRENT APPLICATION NUMBER: US/09/880,505
; CURRENT APPLICATION NUMBER: US/09/880,505
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Matches 16; Conservative
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CURRENT APPLICATION NUMBER: US/09/976,971A
CURRENT FILING DATE: 2001-10-12
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PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
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PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
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APPLICANT: Letsinger, Robert L.
APPLICANT: Muclc, Robert C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+02;
0; Mismatches 2
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OTHER INFORMATION: Description of Artificial Sequence:random;
OTHER INFORMATION: synthetic sequence
US-09-820-279B-55
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PRIOR FILING DATE: 2000-06-26
PRIOR PPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR PPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
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PRIOR FILING DATE: 1999-06-02
PRIOR APPLICATION NUMBER: US 08/997,080
PRIOR FILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 194
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 83
                                                                                                                                                                                                                                                                                                         SEQ ID NO 55
LENGTH: 20
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APPLICANT: Letsinge
APPLICANT: Mucic, F
APPLICANT: Storhoff
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                                                                                     Matches
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                                                                                                                            Query Match
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Best Local
                                                                                                       Best Local Similarity 88.9%;
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APPLICANT: Elghanian, Robert
APPLICANT: Elghanian, Robert
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1085-B
CURRENT APPLICATION NUMBER: US/09/820,279B
CURRENT FILING DATE: 2001-03-28
DEFICE APPLICATION NUMBER: 0001-03-28
                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
                                       1520 AAAAAAAAAAAAGTAAAA 1537
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AAAAAAAAAAAAAAA 18
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                                                                                     Conservative
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88.9%;
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                                                                                                       Score 14.8; DB 1;
Pred. No. 2.4e+02;
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Pred. No. 2
                                                                                       Mismatches
                                                                                                                              DB 1;
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                                                                                                                            Length 20;
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RESULT 322 US-09-888-326-2

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RESULT 324
US-09-888-326-839/c
, Sequence 839, Application US/09888326
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US-09-888-326-838/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Methods for Enhancing Antibody-Induced TITLE OF INVENTION: Cell Lysis and Treating Cancer FILE REFERENCE: Cl039/7052 (ANG)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 838
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Methods for Enhancing Antibody-Induced TITLE OF INVENTION: Cell Lysis and Treating Cancer FILE REFERENCE: Cl039/7052 (AWS)

CURRENT APPLICATION NUMBER: US/09/888,326

CURRENT FILING DATE: 2001-06-22

PRIOR APPLICATION NUMBER: US 60/213,346

PRIOR FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 848

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 2

LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 838, Application US/09888326 Publication No. US20030026801A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic oligonucleotide NAME/KEY: misc feature LOCATION: (0)...(0) COTHER INFORMATION: phosphorothioate backbone -09-888-326-838
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/09888326
Publication No. US20030026801A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Weiner, George
APPLICANT: Hartmann, Gun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANIAM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc feature
LOCATION: (0) ....(0)
OTHER INFORMATION: phosphodiester backbone
                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 88.9%;
hes 16; Conservative
                                                                                                                                                                                               Local Similarity 88.9
                                                                                                                                                      1520 АААЛАААААААСТАААА 1537
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
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APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
FITTLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FITTLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-122
CURRENT APPLICATION NUMBER: US/09/981,344
CURRENT ETLING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-07-29
PRIOR FILING DATE: 1999-07-29
PRIOR APPLICATION NUMBER: 00/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 2000-04-26
NUMBER: 06/200,161
PRIOR PILING DATE: 2000-04-26
OTHER INFORMATION:
OTHER INFORMATION:
US-09-981-344-55
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NUMBER OF SEQ ID NOS: 848

SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 839

LENGTH: 20
                                                                                                                                                                 SOFTWARE: Microsoft
SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 55, App
Publication No.
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APPLICANT: Weiner, George
APPLICANT: Hartmann, Gun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Methods for Enhancing Antibody-Induced TITLE OF INVENTION: Cell Lysis and Treating Cancer FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
                                                                       TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: phosphodiester backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                           ENGTH: 20
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Storhoff, James J.
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                        Description of Artificial Sequence:random synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gunther
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Pred. No. 2
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Query Match

Score 14.8;

BB 1;

Length

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PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-01-29
PRIOR PILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTMARE: Microsoft Word 2000
SEQ ID NO 55
TENETTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random;
; OTHER INFORMATION: synthetic sequence
US-09-957-318A-55
                                                                                                                                                                                                                                                                                  RESULT 327
JS-09-974-500A-55
                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Rob
APPLICANT: Mucic, Robert
                                                                                                                                                                                                                                              Sequence 55, Application US/09974500A Publication No. US20030049631A1
                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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Matches 16; Conservative
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CURRENT APPLICATION NUMBER: US/09/974,500A CURRENT FILING DATE: 2002-04-01 PRIOR APPLICATION NUMBER: 09/603,830
                                              APPLICANT: TATON, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-17
                                                                                                                               APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                             1520 ААЛАЛАЛАЛАЛАСТАЛАЛ 1537
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                                                                                                          Storhoff, James J. Blghanian, Robert Taton, Thomas A.
                                                                                                                                                                                                                                                                                                                                                            ΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑ 18
                                                                                                                                                                  Letsinger, Robert L.
Mucic, Robert C.
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0; Mismatches 2;
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Pred. No. 2.
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; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-975-376A-55
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PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/340,755
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR PILING DATE: 1997-07-21
PRIOR PPLICATION NUMBER: 60/031,809
PRIOR PPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR PELICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robe
APPLICANT: Mucic, Robert C
APPLICANT: Storboff, James
APPLICANT: Elghanian, Robe
APPLICANT: Taton, Thomas A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 55, Applica Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                SEQ ID NO 55
LENGTH: 20
Query Match 1.1
Best Local Similarity 88.9
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/975,376A CURRENT FILING DATE: 2002-05-07 PRIOR APPLICATION NUMBER: 09/603,830 PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-112
                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                           LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Elghanian, Robert Taton, Thomas A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Storhoff, James J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/09975376A
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                                                                                                                                                                                                                                                                                                                       2000-04-26
                     1.1%;
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  Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.4e+02;
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1520 AAAAAAAAAAAAGTAAAA 1537

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RESULT 330
US-09-912-014-16/c
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-09-957-313A-55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PPLICATION NUMBER: 09/344,667
PRIOR PILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR PILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-01-29
PRIOR PILING DATE: 1997-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 55
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                           Sequence 16, Application US/09912014
Publication No. US20030059929A1
GENERAL INFORMATION:
APPLICANT: Heller, Michael J., and Tu.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/957,313A CURRENT FILING DATE: 2002-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Elghanian, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 00-713-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                        TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
COMPUTER READABLE FORM:
                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1520 АААЛААЛААЛААСТААЛА 1537
                                                                     CITY: Los Angeles
STATE: California
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                                                                                                                     STREET: 611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAAAAAAAAAAAAAAA 18
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                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                           90017
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Pred. No. 2.
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; OTHER INFORMATION: Description of Artificial Sequence:oligo(dT-20); OTHER INFORMATION: primer US-09-997-672-40
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                                                                           Matches
                                                                                                                                                                                                                                                                                     SEQ ID NO 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                              Query Match
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                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/253,672
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 023070-115810US
CURRENT APPLICATION NUMBER: US/09/997,672
CURRENT FILING DATE: 2001-11-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Weterings, Koen
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ceres, Inc.
TITLE OF INVENTION: Polynucleotides Useful for Modulationg Transcription
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                 ENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/146,504
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: WARDURG, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                            Local
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APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001
CLASSIFICATION: -Unknown>
PRIOR APPLICATION DATA:
                                   1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                           16;
                                                                                            Similarity
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AAAAAAAAAAAAAAAA 3
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OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Apuya, Nestor R.
Tatarinova, Tatiana
Goldberg, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The Regents of the University of California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.1%; Score 14.8; ilarity 88.9%; Pred. No. 2 Conservative 0; Mismatch
                                                                           Conservative
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                                                                                           88.9%;
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                                                                                            Score 14.8;
Pred. No. 2
                                                                           Mismatches
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                                                                                            2.4e+02
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                                                                                                                DB 1;
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; OTHER INFORMATION: No. US-09-881-535-2
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US-09-976-863A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR PELICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/31,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Ravikumar, Vasulinga T.
TITLE OF INVENTION: Methods For Preparing Oligonucleotides Having Chiral Phosphorothi
TITLE OF INVENTION: Linkages
FILE REFERENCE: ISIS4785
CURRENT APPLICATION NUMBER: US/09/881,535
CURRENT FILING DATE: 2001-06-14
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
                                                                                                                           SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/09881535 Publication No. US20030069410A1
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Best Local (
Query Match 1.1%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/976,863A
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Mirkin, Chad A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PPLICANT:
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.1%;
Local Similarity 88.9%;
hes 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAAAAAAAAAAAAAA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Elghanian, Robert Taton, Thomas A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mucic,
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                                                                                                         US20030069410A1el Sequence
Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.4e
0; Mismatches
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                                          DB 1;
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                                          Length 20;
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    Gaps
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APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR PRIOR DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 226

LENGTH: 20

TYPE: DNA
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; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-226
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US-09-776-479-226/c
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US-09-776-479-226/c
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TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 226, Application US/09776479 Publication No. US20040067902A9 GENERAL INFORMATION:
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                                             Matches
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Best Local Similarity
                                                                Best Local
                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna M. APPLICANT: Fouron, Yves
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna M. APPLICANT: Fouron, Yves
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                           OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1520 AAAAAAAAAAAGTAAAA 1537
  1520 AAAAAAAAAAAGTAAAA 1537
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                                                                Similarity
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                                          Score 14.8; D
Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+02;
                                                                .4e+02
                                                                                 DB 1;
                                                                                 Length 20;
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APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 556

LENGTH: 20

TYPE: DNA

CENTRAL ALLEGATED COMMENT OF THE SECONDARY COMMENT OF
RESULT 338
US-09-776-479-560
; Sequence 560, Application US/09776479
; Publication No. US20030087848A1
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US-09-776-479-556/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Synthetic Sequence US-09-776-479-556
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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
PRIOR FILING DATE: 2000-02-03
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 556
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 88.9%; Matches 16; Conservative
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ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
0; Mismatches 2;
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US-09-976-601A-55

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob APPLICANT: Mucic, Robert

Mucic, Robert C. Storhoff, James J.

APPLICANT:

Sequence 55, Application US/09976601A Publication No. US20030124528A1

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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Vees
ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITILE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR TILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 20
TYPE: DATE: 20
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APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITILE OF INVENTION: Treatment of Asthma and Allergy
ITILE OF INVENTION: Treatment of Asthma and Allergy
ITILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF ESO ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic Sequence US-09-776-479-560
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                                                                                              Matches
                                                                                                                  Query Match 1.1%;
Best Local Similarity 88.9%;
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                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                            TYPE: DNA
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                             1520 AAAAAAAAAAGTAAAA 1537
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                                                                                              16;
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1 AAAAAAAAAAAAAAAAAA 18
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                                                                                              Conservative
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Pred. No. 2.4e
0; Mismatches
                                                                                              0,
                                                                                                                     Score 14.8; DB 1
Pred. No. 2.4e+02
                                                                                              Mismatches
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                                                                                              Gaps
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NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION UNMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
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                                             NUMBER OF SEQ ID NOS: 64
SOPTWARE: Microboft Word
SEQ ID NO 55
LENGTH: 20
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APPLICANT: Letsing,
APPLICANT: Mucic, 1
APPLICANT: Storhof.
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                                                                                                                                                          PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/975,059A
CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-115
                                                                                                                                            PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION:
OTHER INFORMATION:
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TYPE: DNA
ORGANISM: Artificial Sequence
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Mucic, Robert C.
Storhoff, James J.
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Pred. No. 2.4e+02;
0; Mismatches 2;
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; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-976-968A-55
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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US-09-976-968A-55
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                                                                                                                                                                              RESULT 343
Sequence 5, Application US/09994701B
Publication No. US20040152076A1
GENERAL INFORMATION:
APPLICANT: Richard C. Willson and Jason C. Murphy
TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATOK
FILE REFERENCE: 96605/13UTL
CURRENT APPLICATION NUMBER: US/09/994,701B
CURRENT FILING DATE: 2001-11-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR PPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR PILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILING DATE: 1996-07-29
PRIOR FILING DATE: 2000-04-26
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Best Local (
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-117
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Pred. No. 2.4e
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Pred. No. 2.4e
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PRIOR APPLICATION NUMBER: 60/246292

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GENERAL INFORMATION:

APPLICANT: Kurz, Markus
APPLICANT: Lohse, Petter
APPLICANT: Lohse, Petter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
APRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 20
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US-09-994-701B-6/c
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US-09-994-701B-5
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PRIOR FILING DATE: 2000-11-06
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
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NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
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Best Local Similarity 88.9%;
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Publication No. US20020182687A1
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TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATC
FILE REFERENCE: 96605/13UTL
CURRENT APPLICATION NUMBER: US/09/994,701B
CURRENT FILING DATE: 2001-11-06
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ORGANISM: Artificial
FEATURE:
ORGANISM: Artificial Sequence
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+02;
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PRIOR APPLICATION NUMBER: US 08/996,624
PRIOR FILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 208
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Synthetic DNA US-10-085-056-8
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                                                                                              NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 20
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Publication No. US20030008305A1
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Best Local
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APPLICANT: Tan, Paul L. J.
TITLE OF INVENTION: Methods and Compounds for the Treatment
TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory
TITLE OF INVENTION: System using Mycobacterium Vaccae
TITLE REFERENCE: 11000.1008c2
CURRENT FILING DATE: 1202-01-18
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US09/156,181
PRIOR APPLICATION NUMBER: US09/156,181
PRIOR APPLICATION NUMBER: US09/156,181
PRIOR TILING DATE: 1998-09-17
                                                                                                                                                                            TITLE OF INVENTION: OLIGONUCLEOTIDE AND METHOD FOR DETECTING VEROTOXIN FILE REFERENCE: 220081US0 CURRENT APPLICATION NUMBER: US/10/085,056 CURRENT FILING DATE: 2002-05-30 PRIOR APPLICATION NUMBER: JP 2001-58143 PRIOR FILING DATE: 2001-03-02
                                                                                                                                                                                                                                                                                                   APPLICANT: MARUYAMA, TAKAHIRO
APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: TAYA, TOSHIKI
                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                     FEATURE:
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; Pred. No. 2.4e
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Pred. No. 2.4e+02;
0; Mismatches 2;
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US-10-117-267-1/c
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US-10-176-055-11
                                                                                                                                                                                 APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Ph.D., Martin A.
APPLICANT: Maier, Ph.D., Martin A.
TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back
TITLE OF INVENTION: Oligomeric Compounds
FILE REFERENCE: ISIS-5039
CURRENT APPLICATION NUMBER: US/10/117,267
CURRENT FILING DATE: 2002-04-05
PRIOR APPLICATION NUMBER: 09/726,096
PRIOR APPLICATION NUMBER: 09/726,096
PRIOR APPLICATION NUMBER: 09/250,075
PRIOR FILING DATE: 2000-11-29
PRIOR FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.1
SEQ ID NO: 1
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TITLE OF INVENTION: Haiprin Sensors Using Quenchable Fluorescing Agents
FILE REFERENCE: 11739/26
CURRENT APPLICATION NUMBER: US/10/176,055
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: 60/299,460
PRIOR FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 11
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/10117267 Publication No. US20030045698A1
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Best Local Similarity 88.9%;
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Publication No. US20030013109A1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Target sequence that is desired to be detected and OTHER INFORMATION: that has a nucleotide sequence that is OTHER INFORMATION: complementary to the sequence of complementary OTHER INFORMATION: complementary to the sequence of complementary OTHER INFORMATION: probe of hairpin loop assembly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: Description of Unknown Organism: Target sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Unknown Organism
NAME/KEY: misc_feature
LOCATION: (1)...(20)
OTHER INFORMATION: 2'-methoxyethoxy (MOE)
                                                                               FEATURE:
OTHER INFORMATION: Synthetic Construct
                                                                                                                        LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                    FEATURE
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Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+02;
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; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-218
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PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FAST-SEQ for Windows Version 3.0
SEQ ID NO 218
                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 533
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                                             Matches
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Best Local Similarity
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APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
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CURRENT FILING DATE: 2002-03-29
CURRENT FILING DATE: 2002-03-29
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                                                                                                                                                                                    LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                               FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
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                                             Conservative
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Pred. No. 2
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Pred. No. 2.
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Pred. No. 2.4e+02;
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Sequence 5, Application US/10077383

Publication No. US20030050444A1

GENERAL INFORMATION:
APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
APPLICANT: U'Ren, Jack
APPLICANT: Saigene Corporation
TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US/60/296,812
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
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US-10-112-653-537
; Sequence 537, Applica
; Publication No. US200
; Publication No. HORMATION:
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CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 537
LENGTH: 20
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US-10-112-653-537
                                                                                                                                                                                                                                                                                                              SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                Matches
                                                                                                     Query Match
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APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: INMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060(AWS)
                                                                                                                                          FEATURE: modified base LOCATION: (13)..(20)
OTHER INFORMATION: a at positions 13-20 may be present or absent
                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: (A)-12-20 OTHER INFORMATION: homopolymer spacer sequence
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1520 AAAAAAAAAAAAGTAAAA 1537
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                                                              l Similarity 88.9
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o. US20030050268A1
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Pred. No. 2.4e+02;
                                                                                  Score 14.8; DB 1;
Pred. No. 2.4e+02;
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                                                                                                                                                    US-10-017-995-226
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APPLICANT: Wiren, Jack
APPLICANT: Viren, Jack
APPLICANT: Saigene Corporation
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
TITLE OF INVENTION: DADA/RNA Mixed Polymer Intermediate Products
FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US 60/296,812
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
LENGTH: 20
                                                                         Best Loc
Matches
                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 226, Application US/10017995
Publication No. US20030055014A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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                                                                                                              Query Match
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Best Local
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: modified base LOCATION: (13)..(20) OTHER INFORMATION: t at positions 13-20 may be present or
                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                 LENGTH: 20
                                                                                         Local Similarity
                                   1520 AAAAAAAAAAAAGTAAAA 1537
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 20 AAAAAAAAAAAAAA 3
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ilarity 88.9%;
Conservative
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                                                                         Score 14.8; DB 1
Pred. No. 2.4e+02
0; Mismatches
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Pred. No. 2
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                                                                                                              Length 20;
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GENERAL INFORMATION:

APPLICANT: BRETZIEY, Robert L.

FITTLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids

FILE REFERENCE: C1037/7025 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/10/017,995

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR FILING DATE: 2000-12-14

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 560

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 556, Application US/10017995

| Bequence 556, Application US/10017995
| Publication No. US20030055014A1
| GENERAL INFORMATION:
| APPLICANT: BREAZIEY, Robert L.
| TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acid
| FILE REFERENCE: C1037/7025 (HCL/MAT)
| CURRENT APPLICATION NUMBER: US/10/017,995
| CURRENT FILING DATE: 2001-12-18
| PRIOR APPLICATION NUMBER: US 60/255,534
| PRIOR APPLICATION NUMBER: US 60/255,534
| PRIOR APPLICATION NUMBER: US 60/255,534
| PRIOR PILING DATE: 2000-12-14
| NUMBER OF SEG ID NOS: 1093
| SOFTWARE: FastSEQ for Windows Version 3.0
| SSG ID NO 556
                                    US-10-194-138-32
Sequence 32, Application US/10194138
Publication No. US20030082588A1
GENERAL INFORMATION:
APPLICANT: Nanosphere, Inc.
APPLICANT: Garimella, Viswanadham
TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
FILE REFERENCE: 01-897-B
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US-10-017-995-560
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Best Local Similarity
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Matches 16; Conserva
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CURRENT APPLICATION NUMBER: US/10/194,138
CURRENT FILING DATE: 2002-07-12
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e
0; Mismatches
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PRIOR APPLICATION NUMBER: 60/363472
PRIOR FILING DATE: 2002-03-12
PRIOR FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.1
SEQ ID NO 32
PRIOR FILING 20
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                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/008,978
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR PILING DATE: 2001-03-28
PRIOR PILING DATE: 2001-03-28
PRIOR PILING DATE: 2001-01-12
PRIOR PILING DATE: 2001-01-12
PRIOR PILING DATE: 2001-01-12
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 1909-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR PILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/344,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/210,755
PRIOR APPLICATION NUMBER: 05/240,755
                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
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Best Local Similarity 88.9%;
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APPLICANT: L
APPLICANT: M
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                FILING DATE: 2000-04-26
APPLICATION NUMBER: 60/213,906
FILING DATE: 2000-06-26
                    APPLICATION NUMBER: 60/254,392 FILING DATE: 2000-12-08
                                                                   APPLICATION NUMBER: 60/224,631 FILING DATE: 2000-08-11
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PPLICATION NUMBER: 60/254,418
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Mucic, Robert C.
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Pred. No. 2.4e+02;
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PRIOR FILING DATE: 2010-103-28
PRIOR APPLICATION NUMBER: 09/60,500
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR PRIOR PRICING DATE: 1999-01-29
PRIOR PRICING DATE: 1999-01-29
PRIOR PELICATION NUMBER: 09/240,755
PRIOR PELICATION NUMBER: 09/27/1278
PRIOR APPLICATION NUMBER: 60/03,809
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR PRICING DATE: 1900-01-13
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
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US-10-008-978-70
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PRIOR FILING DATE: 2000-04-01
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 70, Applica Publication No. US20 GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/008,978
CURRENT FILING DATE: 2002-05-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lu, Gang
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                       APPLICATION NUMBER: 60/224,631 FILING DATE: 2000-08-11
                                                               APPLICATION NUMBER: 60/213,906 FILING DATE: 2000-06-26
                                                                                                              FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US97/12783
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2000-12-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/255,235
FILING DATE: 2000-12-11
APPLICATION NUMBER: 60/255,236
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NUMBER: 60/254,392
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Pred. No. 2.4e+02;
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FILE REFERENCE: ISIS5042
CURRENT APPLICATION NUMBER: US/10/188,404
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/275,951
PRIOR FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR FILING DATE: 1997-04-23
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.1
SEQ ID NO 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-10-008-978-70
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US-10-188-404-49/c
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US-10-188-404-49
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PRIOR APPLICATION NUMBER: 60/254,418
PRIOR FILING DATE: 2000-12-08
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/255,235
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/255,236
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/282,640
PRIOR APPLICATION NUMBER: 60/282,640
PRIOR FILING DATE: 2000-04-01
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: Linked Peptide Nucleic Acids
                                                                                                                        NAME/KEY: misc feature LOCATION: (13)..(13)
                   OTHER INFORMATION: N is Pseudoiscytosine
                                     NAME/KEY: misc_feature
LOCATION: (20)..(20)
                                                                                                  LOCATION: (13)..(13)
OTHER INFORMATION: N is
                                                                                                                                                                                     OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol OTHER INFORMATION: Ethylene Glycol Linkage
                                                                                                                                                                                                                                                                                                                LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                              FEATURE:
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LOCATION: (10)..(11)
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Buchardt, OLe
Dueholm, Kim L.
Christensen, Leif
Coull, James M.
Kiely, John
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Pred. No. 2.4e+02;
0; Mismatches 2;
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APPLICANT: VITTA, PASI
TITLE OF INVENTION: Aminooxy Functionalized Oligomers
FITLE OF INVENTION: Aminooxy Functionalized Oligomers
FILE REFERENCE: ISISSO89
CURRENT APPLICATION NUMBER: US/10/234,764
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 09/344,260
PRIOR APPLICATION NUMBER: 09/344,260
PRIOR FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.2
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CURRENT APPLICATION NUMBER: US/10/188,404
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/275,951
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR ETILING DATE: 1997-04-23
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.1
SEQ ID NO 66
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Amino Hexanoic Acid, Amino Ethyl Glycine, OTHER INFORMATION: Acetyl, Amino Hexanoic Acid Linkage US-10-188-404-66
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Publication No. US20030113769A1
GENERAL INFORMATION:
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Publication No. US20030105286A1
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APPLICANT: Lonnberg, Harri
APPLICANT: Salo, Harri
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NAME/KEY: misc_feature
LOCATION: (10)...(11)
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Griffith, Michael
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Kiely, John
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
OTHER INFORMATION: Sequence
US-10-255-434-14
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US-10-255-434-14/c
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SOFTWARE: Patentin \
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
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Best Local S
Matches 16
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APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BPO101-US
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 14
                                                                                                                                                                                                                                                                                        Sequence 26, Application No. US20 GENERAL INFORMATION:
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LENGTH: 20
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Best Local Similarity
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                                                                             APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Rando
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic,
FILE REPERENCE: BP0101-US
TOURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
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ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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0. US20030129626A1
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Pred. No. 2.4e+02
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 14.8; DB 1;
Pred. No. 2.4e+02;
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Sequence 75, Application US/10171319
Publication No. US20030157633A1
GENERAL INFORMATION:
APPLICANT: Ardem Patapoutian
APPLICANT: Andrea Peter
APPLICANT: Peter McIntyre
APPLICANT: Stuart Bevan
                                                                                                                                                                                                                                                                                                                              RESULT 367
US-10-171-319-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-255-434-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Davies, Martin
APPLICANT: Bruce, Ian
APPLICANT: Wolter, Andreas
APPLICANT: Wolter, Andreas
TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC
TITLE OF INVENTION: ACID ANALYTES
FILE REFERENCE: PRO.07
CURRENT APPLICATION UNMBER: US/10/278,047
CURRENT FILING DATE: 2002-10-21
PRIOR FILING DATE: 2002-10-21
PRIOR PRILING DATE: 2001-10-19
NUMBER OF SEQ ID NOS: 14
SOPTWARE: Patentin version 3.2
SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
CURRENT APPLICATION NUMBER: US/10/171,319
CURRENT FILING DATE: 2002-10-24
PRIOR APPLICATION NUMBER: 60/297,835
PRIOR FILING DATE: 2001-06-13
                                                                                                 APPLICANT: Pamposh Ganju
TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS
TITLE OF INVENTION: AND POLYPEPTIDES
                                                                                                                                           APPLICANT:
                                                                                FILE REFERENCE: 4-32048A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial
PEATURE:
OTHER INFORMATION: Synthetic Nucleic Acid Probe
PEATURE:
NAME/KBY: misc_feature
LOCATION: (1)...(20)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic OTHER INFORMATION: Oligomer Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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                                                                                                                                                                Chuanzheng Song
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Pred. No. 2.4e
O; Mismatches
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Pred. No. 2.4e+02
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US-10-371-066-16/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ for Windows Version SEQ ID NO 75
LENGTH: 20
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/381,739
FILING DATE: 2002-05-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/381,086
FILING DATE: 2002-05-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/351,238
FILING DATE: 2002-01-22
APPLICATION NUMBER: 60/352,914
FILING DATE: 2002-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/357,161
FILING DATE: 2002-02-12
                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/146,504 FILING DATE: No. US20030162214Alember 1, ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSELE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/371,066 FILING DATE: 21-Feb-2003 CLASSIFICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
                                                                                                                                                                                                    NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 611 West Sixth Street
                     STRANDEDNESS: single
                                            TYPE: nucleic acid
                                                                                                                      TELEX: 67-3510
                                                                                                                                             TELEFAX:
                                                                                                                                                                TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
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                                                                                                                                               (213) 955-0440
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OTHER INFORMATION: Oligonucleotide primer
          Score 14.8; DB 1;
Pred. No. 2.4e+02;
Mismatches
                          Length 20;
0
Gaps
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US-10-266-983-55
Sequence 55, Application US/10266983
Publication No. US20030207296A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                  RESULT 370
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.1%; Best Local Similarity 88.9%; Matches 16; Conservation
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Best Local (
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Sequence 55, Application US/10410324
Publication No. US20030180783A1
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CURRENT APPLICATION NUMBER: US/10/410,324
CURRENT FILING DATE: 2003-04-09
PRIOR APPLICATION NUMBER: 09/961,949
PRIOR APPLICATION UNMBER: 09/961,949
PRIOR APPLICATION UNMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR PILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew
APPLICANT: Mirkin, Chad, Andrew
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Mirkin,
APPLICANT: Letsing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                 Local
                                                                                                                                                                                                                                                                                                               1520 AAAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Elghanian, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Storhoff, James J.
                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Description of Artificial Sequence:random synthetic sequence
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88.9%;
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Pred. No. 2.4e
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                               Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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APPLICANT: Park, So-Jung
APPLICANT: Mirkin, Chad A.
APPLICANT: Mirkin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NANO USES THEREFOR
FILE REFERENCE: 01-1565-A
CURRENT APPLICATION NUMBER: US/10/266,983
CURRENT APPLICATION NUMBER: 09/927,777
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR APPLICATION NUMBER: 09/80,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/244,667
PRIOR APPLICATION NUMBER: 09/244,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 06/031,809
PRIOR APPLICATION NUMBER: 06/031,809
PRIOR APPLICATION NUMBER: 06/071,6400
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PRIOR FILING DATE: 2000-03-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION
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Publication No.
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Best Local
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PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
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PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
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CURRENT FILING DATE: 2002-10-08
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PRIOR FILING DATE: 2000-01-13
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PRIOR FILING DATE: 1996-07-29
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ORGANISM: Artificial Sequence
FEATURE:
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Similarity 88.9%;
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Pred. No. 2.4e+02;
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US-10-314-578-556/c ; Sequence 556, Application US/10314578 ; Publication No. US20030212026A1
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; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-226
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Aci
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEO ID NOS: 1145
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PRIOR APPLICATION NUMBER: 60/192,699
PRIOR PRING DATE: 2000-03-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 226
LENGTH: 20
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Best Local
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APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic
FILE REFERENCE: C.1039/7035 (HCL/MAT)
CURRENT PPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
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APPLICANT: Schett
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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les 16; Conserv
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.
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APPLICANT: VOLIMER, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOUTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                     RESULT 375
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APPLICANT: Krieg, Ar
APPLICANT: Schetter
APPLICANT: Vollmer,
Sequence 10, Application US/10181200

Publication No. US20030212267A1

GENERAL INFORMATION:
APPLICANT: Cole, Douglas L.
APPLICANT: Ravikumar, Vasulinga T.
APPLICANT: Cheruvallath, Zacharia S.
APPLICANT: Cheruvallath, Zacharia S.
TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 560
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LENGTH: 20
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SOFTWARE: FastSEQ for Windows Version 3.0
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PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Synthetic Sequence
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al Similarity 88.9%;
16; Conservation
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Pred. No. 2.4e+02
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Pred. No. 2
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CURRENT APPLICATION NUMBER: US/10/181,200

CURRENT FILING DATE: 2002-12-12

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CURRENT APPLICATION NUMBER: US/10/181,200
CURRENT FILING DATE: 2002-12-12
PRIOR APPLICATION NUMBER: PCT/US01/00715
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: US 09/481,486
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 15
LENGTH: 20
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                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/US01/00715
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: US 09/481,486
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: ISIS-4709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cole, APPLICANT: Ravi) APPLICANT: Chern
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (1)...(20)
OTHER INFORMATION: phosphorothioate 20-mer
                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-O-methyl
                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PPLICANT: Ravikumar, Vasulinga T.
PPLICANT: Cheruvallath, Zacharia S.
PITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(20)
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LOCATION: (1)..(1)
OTHER_INFORMATION: 2'-O-methoyxethyl
                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Synthetic Construct
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                                                                       Local Similarity
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20 AAAAAAAAAAAAAAAAA 3
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16; Conserv
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larity 88.9%;
Conservative
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                                                                         Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+02;
0; Mismatches 2;
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; PEATURE:
; OTHER INFORMATION: Description of Artifical Sequence: Primer/Probe
US-10-287-971-285
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 285
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Publication No.
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APPLICANT:
APPLICANT:
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Publication No.
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APPLICANT: SO-Jung Park
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1085-G
CURRENT APPLICATION NUMBER: US/10/640,618
CURRENT FILING DATE: 2003-08-21
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR PILING DATE: 2001-03-28
PRIOR PILING DATE: 2001-03-28
PRIOR PILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR PILING DATE: 2001-12-08
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Best Local Similarity
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APPLICANT: Letsinger, Rob
APPLICANT: Mucic, Robert
APPLICANT: Storhoff, James
APPLICANT: Elghanian, Rob
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PRIOR APPLICATION NUMBER: 09/997,425
PRIOR FILING DATE: 2001-11-29
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CURRENT FILING DATE: 2002-11-05
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OR APPLICATION NUMBER: 60/338,626
OR FILING DATE: 2001-11-05
OR APPLICATION NUMBER: 60/401,479
OR FILING DATE: 2002-08-06
OR APPLICATION NUMBER: 60/333,072
OR FILING DATE: 2001-11-06
OR APPLICATION NUMBER: 60/348,283
OR FILING DATE: 2001-11-09
OR FILING DATE: 2001-11-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/393,262 FILING DATE: 2002-07-02
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FILING DATE: 2001-10-22
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                                                                                                                                                                                                                                                                                                                                                                        Elghanian, Robert
                                                                                                                                                                                                                                                                                                                                                                                               Storhoff, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                        Mucic, Robert C.
                                                                                                                                                                                                                                                                                                                         Garimella, Viswanadham
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Pred. No. 2
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GENERAL INFORMATION:

APPLICANT: Mirkin, Chad
APPLICANT: Jin, Rongchao
TITLE OF INVENTION: Nanoparticle Probes with Raman Spectroscopic Fingerprints for Ana
TITLE OF INVENTION: Detection
FILE REFERENCE: 02-338-C
CURRENT APPLICATION NUMBER: US/10/431,341
CURRENT FILING DATE: 2003-05-07
PRIOR APPLICATION NUMBER: US 60/378,538
PRIOR FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 60/378,538
PRIOR APPLICATION NUMBER: US 60/378,538
PRIOR APPLICATION NUMBER: US 60/383,630
PRIOR APPLICATION NUMBER: US 10/172,428
PRIOR APPLICATION NUMBER: US 10/172,428
PRIOR FILING DATE: 2002-05-14
SOFTWARE: Patentin version 3.1
SEQ ID NO3:
SEQ ID NO3:
LENGTH: 20
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US-10-431-341-31
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Publication No. US20040086897A1
GENERAL INFORMATION:
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LENGTH: 20
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SOFTWARE: Microsoft Word 2000
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PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
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                                                                                                                                                                                                                                                                                                    PEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(20)
OTHER INFORMATION: Synthetic target sequence
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
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                                                                   1520
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                                                                AAAAAAAAAAGTAAAA 1537
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llarity 88.9%;
Conservative
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Pred. No. 2.4e+02;
                                                                                                                                   Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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RESULT 382
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US-10-653-416-25/c
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SEQ ID NO 25
LENGTH: 20
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APPLICANT: RASHTCHIAN, AYOUB
APPLICANT: SCHUSTER, DAVID!
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 2100
LENGTH: 20
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Publication No. US20040102412A1
                                                                                                                                              Best
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APPLICANT: Pharmacia Corp.
                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/653,416
CURRENT FILING DATE: 2003-09-03
PRIOR APPLICATION NUMBER: 60/407,248
PRIOR FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
PRIOR FILING DATE: 2002-10-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: SCHUSTER, DAVID M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
FILE REFERENCE: 38266-0011
                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                              Local
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                                                                                        1520 AAAAAAAAAAAGTAAAA 1537
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                                                                                                                            Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2
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US-10-716-829-55

Sequence 55, Application US/10716829
Publication No. US20040110220A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.

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APPLICANT: Glerge, James K
ITITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 S
ITITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOPTWARE: Patentin version 3.2
SEQ ID NO 178
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
PEATURE:
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                                                                                                                                                         ; OTHER INFORMATION: Human US-10-671-395-178
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OTHER INFORMATION: synthetic sequence
US-10-716-829-55
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PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 178, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local (
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                     Matches
                                                                                     Query Match
Best Local Similarity
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PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-715-A CURRENT APPLICATION NUMBER: US/10/716,829 CURRENT FILING DATE: 2003-11-19 PRIOR APPLICATION NUMBER: US/09/760,500A PRIOR PILING DATE: US/09/760,500A PRIOR PILING DATE: 2002-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Pharmacia Corp. APPLICANT: Gierse, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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1520 AAAAAAAAAAAAGTAAAA 1537
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Similarity 88.9%; Pred. No. 2.4e+02;
16; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Storhoff, James J.
                                                                   Conservative
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                                                                                     1.1%;
                                                                                                                                                                                PGE2 antisense
                                                                 0
                                                                 Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2;
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RESULT 386
US-10-671-395-181/c
; Sequence 181, Application US/10671395
; Publication No. US20040132063A1
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-180
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US-10-671-395-179/c
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                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.2 SEQ ID NO 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 180, Applic Publication No. US20 GENERAL INFORMATION:
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GENERAL INFORMATION
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                                                                                                                                                                                             Matches
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Best Local Similarity
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Best Local
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APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION UNMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTMARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
CURRENT FILING DATE: 2003-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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TYPE: DNA
ORGANISM: artificial
FEATURE:
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TYPE: DNA
ORGANISM: artificial
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1 Similarity 88.9%;
16; Conservative
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o. US20040132063A1
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Pred. No. 2
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 182
LENGTH: 20
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US-10-671-395-183/c
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-181
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APPLICANT: CHERRE, James K
APPLICANT: CHERRE, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FILING DATE: 2003-09-25
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 181
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
              Sequence 183, Application US/10671395

Publication No. US20040132063A1

GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 182, Application US/10671395
Publication No. US20040132063A1
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: artificial
FEATURE:
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Local Similarity 88.9%;
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NUMBER: US/10/671,395
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Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+02;
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                                                               E2 SYNTHASE
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US-10-671-395-184/c
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SEQ ID NO 183
LENGTH: 20
                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                    Sequence 185, Application US/10671395
Publication No. US20040132063A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 184
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REPERSUG: 1179/1/US
CURRENT PELICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION UNMBER: 60/413,549
PRIOR APPLICATION UNMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
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2.4e+02;
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SEQ ID NO 185 LENGTH: 20

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RESULT 392
US-10-671-395-187/c
US-10-671-395-187/c
; Sequence 187, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-186
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US-10-671-395-186/c
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                                      US-10-671-395-187
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APPLICANT: PHATMACIA COTP.
APPLICANT: Giarse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 186
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                           APPLICANT: Pharmacia Corp.
APPLICANT: Giere, James K
APPLICANT: Giere, James K
APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 187
LENGTH: 20
TYPET. NUMBER: 20
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Query Match
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Best Local Similarity
                                                      OTHER INFORMATION: Human
                                                                           ORGANISM: artificial FEATURE:
                                                                                                                 TYPE: DNA
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Local Similarity 88.9%;
es 16; Conservanting
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+02;
0; Mismatches 2;
Score 14.8;
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2.4e+02;
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Length 20;
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US-10-671-395-189/c
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-188
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US-10-671-395-188/c
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 188
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.2
SEQ ID NO 189
LENGTH: 20
TYPE: DNA
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                                                                       Matches
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                                                                                                     Query Match
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APPLICANT: Gierse, James K

APPLICATION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809
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                                                                                                                                                           OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                              FEATURE:
                                                                                                                                                                                             ORGANISM: artificial
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Local Similarity 88.9%;
es 16; Conservation
                                                                                       Local
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                               1520 ААЛАЛАЛАЛАЛАГТАЛА 1537
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                                                                                      Similarity
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o. US20040132063A1
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DS20040132063A1
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Pred. No. 2.4e+02;
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0; Mismatches 2
                                                                                      Score 14.8;
Pred. No. 2.
                                                                     Mismatches
                                                                                       .4e+02
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                                                                                                      Length 20;
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US-10-671-395-192/c
Sequence 192, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
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US-10-671-395-191/c
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 190
LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR PRILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 191
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
PRATURE:
                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 16; Conserv
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Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James
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APPLICANT: Pharmacia Corp
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ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            y Match 1.1%;
Local Similarity 88.9%;
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Pred. No. 2.
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Pred. No. 2.4e+02;
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US-10-671-395-194/c
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Publication No. US20040132063A1
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                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
APPLICANT: Pharmacia Corp.
APPLICANT: Gieree, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
CURRENT FILING DATE: 2003-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILLING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Human PGE2 antisense
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TYPE: DNA
ORGANISM: artificial
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Similarity 88.9%;
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o. US20040132063A1
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Pred. No. 2
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Pred. No. 2
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2.4e+02;
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PRIOR FILING DATE: 2002-09-25

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NUMBER OF SEQ ID NOS: 1809

SOPTWARE: PatentIn version 3.2

SEQ ID NO 194

LENGTH: 20

TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-194
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US-10-671-395-195/c
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APPLICANT: Gierse, James K
APPLICANTON: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOPTWARE: Patentin version 3.2
SEQ ID NO 195
LENGTH: 20
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                                       SEQ ID NO 196
LENGTH: 20
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Best Local
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                                                                        APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: artificial
FEATURE:
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DRGANISM: artificial
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Local Similarity 88.9%;
es 16; Conservation
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88.9%;
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Pred. No. 2.
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                                                                                                                                                       ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-198
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Query Match
Best Local Similarity
Matches 16; Conserv
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 198
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SECOTOR OF
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TYPE: DNA
ORGANISM: artificial
FEATURE:
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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APPLICANT: Gierse, James
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ORGANISM: artificial
FEATURE:
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Pred. No. 2.4e
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Pred. No. 2.4e+02;
              Score 14.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2
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Conservative

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FILE REFERENCE: 1179/J/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PALENTIN VERSION 3.2
LENGTH: 20
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US-10-671-395-199/c
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 200
LENGTH: 20
THE OF SERVING PRIOR OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 200, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:
                                                                                        Query Match
Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
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Publication No. US20
GENERAL INFORMATION:
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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ORGANISM: artificial
FEATURE:
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Pred. No. 2.
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Pred. No. 2.4e+02;
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RESULT 406

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US-10-671-395-203/c
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-201
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GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
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SEQ ID NO 201
LENGTH: 20
TYPE: DNA
                                                                        Sequence 203, Application US/10671395
Publication No. US20040132063A1
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SEQ ID NO 202
LENGTH: 20
TYPE: DNA
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Best Local
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                                                                                                                                                                                                                                                                                                       Query Match
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CCURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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o. US20040132063A1
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Pred. No. 2.4e
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Sequence 204, Application US/10671395

| Publication No. US20040132063A1
| GENERAL INFORMATION: US20040132063A1
| APPLICANT: Pharmacia Corp.
| APPLICANT: Gierse, James K
| TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
| TITLE OF INVENTION: EXPRESSION
| FILE REFERENCE: 1179/1/US
| CURRENT APPLICATION NUMBER: US/10/671,395
| CURRENT APPLICATION NUMBER: US/10/671,395
| CURRENT FILING DATE: 2003-09-25
| PRIOR APPLICATION NUMBER: 60/413,549
| PRIOR FILING DATE: 2002-09-25
| NUMBER OF SEQ ID NOS: 1809
| SOFTWARE: Patentin version 3.2
| SEQ ID NO 204
| LENGTH: 20
| CORGANISM: Artificial
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Sequence 205, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PALENTIN VERSION 3.2
SEQ ID NO 203
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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FILE REFERENCE: 1179
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Pred. No. 2.4e
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Pred. No. 2.4e
0; Mismatches
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PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOPTWARE: PatentIn version 3.2
SEQ ID NO 206
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
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           APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 207
LENGTH: 20
TYPE: DNA
TYPE: DNA
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Best Local :
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Best Local Similarity
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TYPE: DNA
ORGANISM: artificial
FEATURE:
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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APPLICANT: Gierse, James
ORGANISM: artificial
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o. US20040132063A1
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Pred. No. 2.4e
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Pred. No. 2
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FEATURE:
OTHER INFORMATION: Human PGE2 antisense

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                                                                                                               OTHER INFORMATION: Human PGE2 antisense US-10-671-395-262
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US-10-671-395-262/c
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             Query Match
Best Local Similarity be...
Thes 16; Conservative
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TITLE OF INVENTION: ANTIERNSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOUTWARE: PATENTIAN OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
SEQ ID NO 208
LENGTH: 20
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Best Local Similarity
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LENGTH: 20
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APPLICANT: Gierse, James K.

APPLICANT: Gierse, James K.

ITTLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

ITTLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2
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                                                                                                                                                  TYPE: DNA
ORGANISM: artificial
FEATURE:
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     1520 AAAAAAAAAAAGTAAAA 1537
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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RESULT 417
US-10-671-395-276/c
; Sequence 276, Application US/10671395
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US-10-671-395-274/c
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEO ID NOS: 1809
SOPTWARE: Patentin version 3.2
SEQ ID NO 275
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
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CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 274
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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Best Local (
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Publication No. US20040132063A1
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Pred. No. 2.4e
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Pred No. 2
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FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25

NUMBER 60F SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF MI-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN NOS: 1809
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 276
LENGTH: 20
TYPE: DNA
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US-10-671-395-311/c
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-276
                                                                                      Sequence 311, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Gierse, James K
TITLE OP INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OP INVENTION: EXPRESSION
              APPLICANT: Pharmacia Corp.

APPLICANT: Gieree, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE
TITLE OF INVENTION: EXPRESSION
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APPLICANT: Gierse, James
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Pred. No. 2.4e
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Pred. No. 2.4e.
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FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOPTWARE: Patentin version 3.2

SEQ ID NO 338

LENGTH: 20
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-338
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Best Local Similarity
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SEQ ID
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Publication No. US20040132063A1
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Best Local
                                                APPLICANT: Pharmacia Corp.

APPLICANT: Giere, James K
TITLE OP INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
                NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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TYPE: DNA
ORGANISM: artificial
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Pred. No. 2
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Pred. No. 2
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TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-427
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US-10-671-395-427/c
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                                                                                    APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOWS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 427
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local Similarity 88.9
Matches 16; Conservative
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LENGTH: 20
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Publication No. US20040132063A1
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Best Local :
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2
TITLE OF INVENTION: EXPRESSION
PILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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-10-671-395-403/c
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TYPE: DNA
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ORGANISM: artificial
FEATURE:
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Pred. No. 2.4e
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Pred. No. 2.4e
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FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 433
LENGTH: 20
TYPE: DNA
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Matches
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 444
LENGTH: 20
                                                                 Matches
                                                                                                Query Match
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Best Local
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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APPLICANT: Gierse, James
                                                                                                                                                                  ORGANISM: artificial FEATURE:
                                                                                                                                                                                                  TYPE: DNA
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                               1520 АААААААААААСТААА 1537
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o. US20040132063A1
                                                                 Conservative
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                                                               0; Mismatches
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Pred. No. 2.4e
0; Mismatches
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                                                                                 Score 14.8; DB 1;
Pred. No. 2.4e+02;
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Pred. No. 2.
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RESULT 428
US-10-671-395-654/c
; Sequence 654, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
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; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-487
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US-10-671-395-575/c
                                                                                                                                                                                                                                                                                                            US-10-671-395-575
                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 487
LENGTH: 20
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Sequence 487, Application US/10671395
Publication No. US20040132063A1
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APPLICANT: Gierse, James K
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 3002-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 00/413,549
PRIOR APPLICATION NUMBER: 00/413,549
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: G1erse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James
                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Human PGE2 antisense
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Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.
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RESULT 430
US-10-728-399-400/c
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US-10-728-399-273/c
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Publication No. US20040132078A1
GENERAL INFORMATION:
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APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455_1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: PatentIn version 3.2
SEQ ID NO 273
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 654
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                                 APPLICANT: Pharmacia Corp.
APPLICANT: Colca, Jerry
TITLE OF TOOLOR: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455 1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
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TYPE: DNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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SOFTWARE: PatentIn version 3.2
                   NUMBER OF SEQ ID NOS: 627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20
TYPE: DNA
ORGANISM: artificial
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                                                                                                                                                                                                                                                                                                                                                                                 Local
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Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2
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SEQ ID NO 400 LENGTH: 20

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APPLICANT: JUTEAU, JEAN-MARC

APPLICANT: JUTEAU, JEAN-MARC

TITLE OF INVENTION: ANTIVITAL OLIGONUCLEOTIDES TARGETING HSV

FILE REFERENCE: 029849/0206

CURRENT APPLICATION NUMBER: US/10/661,088

CURRENT FILING DATE: 2003-09-12

PRIOR APPLICATION NUMBER: PCT/IB03/04573

PRIOR FILING DATE: 2003-09-11

PRIOR APPLICATION NUMBER: 60/410,934

PRIOR APPLICATION NUMBER: 60/410,264

PRIOR APPLICATION NUMBER: 60/410,264

PRIOR APPLICATION NUMBER: 60/410,264

PRIOR APPLICATION NUMBER: 60/410,264

PRIOR FILING DATE: 2002-09-13

NUMBER OF SEQ ID NOS: 36

SOFTMARE: PATENTH 10NS: 36

SOFTMARE: PATENTH 20

SEQ ID NO 15
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APPLICANT: VAILLANT, JEAN-MARC
APPLICANT: UTTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0206
CURRENT APPLICATION UNMBER: US/10/661,088
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-13
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
COMMENT OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic ; OTHER INFORMATION: oligonucleotide US-10-661-088-12
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US-10-661-088-12
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                                                                                                                                                                                                                                                                                                                                                                      Sequence 15, Application US/10661088 Publication No. US20040162253A1 GENERAL INFORMATION:
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SEQ ID NO 12
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: human mitoNEET antisense
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               / Match 1.1%;
Local Similarity 88.9%;
hes 16; Conservative
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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CURRENT APPLICATION NUMBER: US/10/661,097
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR PILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR PILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 3.2
SEQ ID NO 12
APPLICANT: JUTEAU, JAAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0204
CURRENT APPLICATION NUMBER: US/10/661,097
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR FILING DATE: 2003-09-11
PRIOR FILING DATE: 2003-09-13
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide US-10-661-088-15
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                                                                                                                                                                                                                                                                                                                                                                                   Sequence 15, Application US/10661097 Publication No. US20040162254A1
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Best Local :
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: VAILLANT, APPLICANT: JUTEAU,
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ORGANISM: Artificial Sequence
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88.9%; Pred. No. 2
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Pred. No. 2.4e+02;
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, ORGANISM: Artificial Sequence ; PEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic ; OTHER INFORMATION: Oligonucleotide US-10-661-355-12
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
ITITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REPERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
VIMMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver: 3.2
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US-10-661-355-12
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide
US-10-661-097-15
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US-10-661-355-15/c
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SEQ ID NO 12
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
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nes 16; Conserv
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Pred. No. 2.4e+02;
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Pred. No. 2.4e+02;
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US-10-661-099-15/c
Sequence 15, Application US/10661099
Publication No. US20040171568A1
GENERAL INFORMATION:
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           CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
PRIOR FILING DATE: 2002-09-13
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CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
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LENGTH: 20
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Best Local Similarity
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLECTIDES TARGETING
FILE REFERENCE: 029849/0203
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SOFTWARE: Patentin Ver.
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
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TYPE: DNA
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OF SEQ ID NOS: 36
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Pred. No. 2.
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Pred. No. 2.
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RESULT 439
US-10-175-608-32/c
; Sequence 32, Appl:
; Publication No. U
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-099-15
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                                                                                                  APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                             REFERENCE/DOCKET NUMBER: 01017/35199 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/10/175,608 FILING DATE: 16-Oct-2002
                                                                   NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
                                                                                                                                                                                                   APPLICATION NUMBER: 07/573,616 FILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
             TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 07/684,535
                                                                                                                                                                                                                                                                                                                  FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/172,329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/10175608
                                                                                                                                                                                                                                        LING DATE: 10-OCT-1991
                                                                                                                                                                                                                                                                           LING DATE: 10-APR-1
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                                                                                                                                                                                                                                                        CATION NUMBER: 09/589,701
                                                                                                                                                                                                                                                                                                                                   CATION NUMBER:
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88.9%;
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                                                                                                                                                                                                                                                                                                                                                       21-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <Unknown>
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Pred. No. 2
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US-10-175-608-34/c
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Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1520 AAAAAAAAAAAGTAAAA 1537
                                                                                                        APPLICATION NUMBER: 07/422,383 FILING DATE: 16-OCT-1989 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
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                                TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/10/175,608 FILING DATE: 16-Oct-2002 CLASSIFICATION: <Unknown>
                                                REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Illinois
                                                                       NAME: Clough, David W. REGISTRATION NUMBER: 3
                                                                                                                                                                                                                     APPLICATION NUMBER: 09/589,701 FILING DATE: 10-OCT-1991 APPLICATION NUMBER: 07/573,616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Chicago
                                                                                                                                                                  FILING DATE:
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APPLICATION NUMBER: 07/537,198
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
TELEFAX: 312/474-0448
             FELEPHONE:
                                                                                                                                                                                                                                                                                 FILING DATE:
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Pred. No. 2.4e+02;
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lower, 233
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gerstein, Murray & Borun
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APPLICANT: Muller, Sylviane
APPLICANT: Muller, Sylviane
APPLICANT: Briand, Jean-Paul
APPLICANT: Briand, Jean-Paul
APPLICANT: Briand, Jean-Paul
APPLICANT: Guichard, Giles
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC USES.
FILE REFERENCE: 03495.0166-01000
CURRENT APPLICATION NUMBER: US/09/825,886
CURRENT FILING DATE: 1091-07-26
PRIOR APPLICATION NUMBER: 09/393,302
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: PCT/EP98/01409
PRIOR APPLICATION NUMBER: PCT/EP98/01409
PRIOR APPLICATION NUMBER: 60/040,969
PRIOR APPLICATION NUMBER: 60/040,969
PRIOR APPLICATION NUMBER: SO/040,969
PRIOR FILING DATE: 1997-03-12
VNUMBER OF SEQ ID NOS: 32
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 6
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             Sequence 840, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Hovanessian,
APPLICANT: Callebaut, (
APPLICANT: Krust, Bernd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/09825886 Publication No. US20020076693A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 16; Conserv
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CURRENT APPLICATION NUMBER: US/09/888,326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: primer
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SEQUENCE CHARACTERISTICS:
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MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
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16; Conserv
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TYPE: nucleic acid
STRANDEDNESS: single
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Krust, Bernard
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Pred. No. 2.5e+02;
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Pred. No. 2.4e+02;
0; Mismatches 2
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LENGTH: 21
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Query Match
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PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                    TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic oligonucleotide NAME/KEY: misc feature LOCATION: (0)...(0)...(0). OTHER INFORMATION: phosphorothioate backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/146,504
FILING DATE: <UNknown>
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                          SEQUENCE DESCRIPTION: SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES
MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1520 AAAAAAAAAAAAGTAAAA 1537
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
                                                                           STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 611 West Sixth Street
                                                                                                                                                                                                                TELEFAX:
                                                                                                                                                                                                                                 TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                  (213) 955-0440
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  1.1%;
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Pred. No. 2.5e
0; Mismatches
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  Score 14.8;
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                                                          NO:
                                                          <u>ب</u>
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  DB
  1;
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  Length
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Best Local Similarity 88.9 Matches 16; Conservative

88.9%; Pred. No. 2.5e+02; ative 0; Mismatches 2

2;

Indels

0

Gaps

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Sequence 912, Application US/09776479

Publication No. US20030087848A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION SILONG

NUMBER OF SEG ID NOS: 1093

SOFTWARE: FASTSEQ for Windows Version 3.0

LENGTH: 0912
                                         ; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence:dT-20dN NAME/KEY: modified_base ; LOCATION: (21) ; OTHER INFORMATION: n = g, c, a or t US-09-997-672-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               δ
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US-09-776-479-912/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 41
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Weterings, Koen
APPLICANT: Applya, Nestor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 41, Application US/09997672 Publication No. US20030061632A1
Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/997,672
CURRENT FILING DATE: 2001-11-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/253,672
PRIOR FILING DATE: 2000-11-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Polynucleotides Useful for Modulationg Transcription FILE REFERENCE: 023070-115810US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ceres, Inc.
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                         ENGTH:
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Goldberg, Robert B.
The Regents of the University of California
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  1.18;
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  Score 14.8;
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Pred. No. 2.5e+02;
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  DB 1;
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Length 21;
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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOPTMARE: FastSEQ for Windows Version 3.0
SEQ ID NO 912
LENGTH: 21
TYPE: DNA
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US-09-776-479-912/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-096-221-4
                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/274,236
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/10096221
Publication No. US20020164628A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 912, Application US/09 Publication No. US20040067902A9 GENERAL INFORMATION:
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               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local
   Matches
                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kurn, Nurith
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
FILE REFERENCE: 492692000700
CURRENT APPLICATION NUMBER: US/10/096,221
CURRENT FILING DATE: 2002-66-27
                                                                                                                        NAME/KEY: misc_feature
                                                                                                                                                                                                    LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                   LOCATION: 1
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                  FEATURE:
OTHER INFORMATION: Primer
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                                                                                                                                                  FEATURE:
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   Conservative
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                   88.9%;
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Pred. No. 2.5e
0; Mismatches
Score 14.8; DB 1;
Pred. No. 2.5e+02;
0; Mismatches 2
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0; Mismatches
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2;
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                                      DB 1;
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                                  Length 21;
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   Indels
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   Gaps
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AAAAAAAAAAAGTAAAA 1537

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RESULT 450
US-10-100-321-23
/ Sequence 23, Application US/10100321
/ Publication No. US20030087251A1
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US-10-112-653-881/c
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APPLICANT: Berg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01.039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 11040
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 881
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION UNMEBR: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION UNMBER: US 60/255,534
PRIOR APPLICATION UNMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 912, Application No. US20 GENERAL INFORMATION:
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Publication No. US20030050268A1
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Best Local Similarity
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                               ENGTH: 21
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                                                                                                                                                                                                                             Similarity
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o. US20030055014A1
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Pred. No. 2.5e+02;
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Pred. No. 2.5e+02;
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GENERAL INFORMATION:
APPLICANT: KUIN, NUTITH
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
FILE REFERENCE: 492692000500
CURRENT APPLICATION NUMBER: US/10/100,321
CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/274,550
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 23
LENGTH: 21
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Publication No. US20030162214A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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LOCATION: 1
OTHER INFORMATION: n = A,T,C
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/371,066
FILING DATE: 21-Feb-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY OF COMPANY O
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/146,504
FILING DATE: No. US20030162214A1ember 1,
ATTORNEY/AGENT INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES
MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1520 AAAAAAAAAAAGTAAAA 1537
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STATE: California
                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
                                                                                     TELEX: 67-3510
                                                                                                                                                              TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 611 West Sixth Street
                                                                                                                       TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                      (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.1%;
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Pred. No. 2.5e+02;
0; Mismatches 2
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Sequence 41, Application US/10144179A
Publication No. US20030211483A1
GENERAL INFORMATION:
APPLICANT: Schroeder, Benjamin
APPLICANT: Chen, Caifu
APPLICANT: Schroeth, Gary
TITLE OF INVENTION: Methods for the Enrichment of
TITLE OF INVENTION: Low-Abundance Polynucleotides
FILE REFERENCE: ABIOS.005A
CURRENT APPLICATION UNUMBER: US/10/144,179A
CURRENT FILING DATE: 2002-10-01
NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                             RESULT 453
US-10-144-179A-41/c
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Best Local S
Matches 16
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SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 2
LENGTH: 21
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Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194 CURRENT PEPLICATION UNDERS: US/10/170,172

CURRENT PILING DATE: 2002-06-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: SOSNOWSKI, RONALD G
APPLICANT: BUTLER, WILLIAM F
APPLICANT: TU, EUGENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US/08/986,065 PRIOR FILING DATE: 1997-12-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: secondary structure
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LOCATION: (21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                             1520 AAAAAAAAAAAAGTAAAA 1537
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16; Conserv
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                     AAAAAAAAAAAAAAAA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NERENBERG, MICHAEL I
HELLER, MICHAEL J
EDMAN, CARL F
                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                       <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 14.8; DB 1;
Pred. No. 2.5e+02;
0; Mismatches 2;
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Pred. No. 2.5e+02;
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APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
ITILE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 1990-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 912
                                APPLICANT: Shockey, Jay M.
APPLICANT: Schnurr, Judy
APPLICANT: Schnurr, Judy
APPLICANT: Schwar, Judy
APPLICANT: Schwar, Judy
APPLICANT: Browse, John A.
TITLE OF INVENTION: Plant Acyl-CoA Synthetases
FILE REFERENCE: DOW-07654
CURRENT APPLICATION NUMBER: US/10/410,031
CURRENT FILING DATE: 2003-04-09
NUMBER OF SEQ ID NOS: 191
SOFTWARE: PatentIn version 3.2
SEQ ID NO 188
LENGTH: 21
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                                                                                                                                                                                                                                                                Sequence 188, Application US/10410031 Publication No. US20040010817A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 41
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 16;
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                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1520 AAAAAAAAAAAAGTAAAA 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                      1520 ААЛАЛАЛАЛАЛАГТАЛАЛ 1537
                                                                                                                                                                                                                                                                                                                                                                                                                  21 AAAAAAAAAAAAAAAAA 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity 88.9%;
16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/10314578 o. US20030212026A1
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88.9%; Pred. No. 2.5e+02;
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Pred. No. 2.
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APPLICANT: Schroeder, Benjamin
APPLICANT: Chen, Caifu
APPLICANT: Chen, Caifu
APPLICANT: Chen, Caifu
APPLICANT: Schroeh, Gary
ITITLE OF INVENTION: Methods for the Enrichment of
ITITLE OF INVENTION: Low-Abundance Polynucleotides
FILE REFERENCE: ABIOS.005CP1
CURRENT APPLICATION NUMBER: US/10/435,489
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: 10/144,179
PRIOR APPLICATION NUMBER: 10/144,179
PRIOR FILING DATE: 2002-05-09
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 41
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Shockey, Jay M.
APPLICANT: Shockey, Judy
APPLICANT: Browse, John A.
TITLE OF INVENTION: Plant Acyl-Coa Synthetases
FILE REFERENCE: DOW-07654
CURRENT APPLICATION NUMBER: US/10/410,031
CURRENT FILING DATE: 2003-04-09
NUMBER OF SEQ ID NOS: 191
SOPTWARE: PatentIn version 3.2
SEQ ID NO 190
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-435-489-41/c
; Sequence 41, Application US/10435489
; Publication No. US20040014105A1
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; OTHER INFORMATION: Synthetic
US-10-410-031-188
                                                                                        ; ORGANISM: Artificial Sequence ; FEATURE: OTHER INFORMATION: oligo-dT primer US-10-435-489-41
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US-10-410-031-190/c
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Best Local Similarity
Tatches 16; Conserv
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Best Local Similarity 88.9%;
Matches 16; Conservative
                                                      Query Match
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                                                                                                                                                              LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                  1.1%; Score 14.8; DB 1; Length 21;
Local Similarity 88.9%; Pred. No. 2.5e+02;
hes 16; Conservative 0; Mismatches 2; Indels
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Pred. No. 2.5e+02;
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Pred. No. 2.5e+02;
0; Mismatches 2;
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RESULT 460
US-10-002-536A-4/c
; Sequence 4, Application US/10002536A
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US-10-002-536A-3
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US-10-278-760-2/c
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                                                                                                                                                                                 Local
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LENGTH: 21
TYPE: DNA
TYPE: DNA
FEATURE:
FEATURE:
OTHER INFORMATION: A control primer.
US-10-278-760-2
                                                                                                                          ; FEATURE: ; OTHER INFORMATION: This is a synthesized sequence US-10-002-536A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Brandis, John
APPLICANT: Schroth, Gary
APPLICANT: Applied Biosystems
TITLE OF INVENTION: Methods for Synthesizing Complementary DNA
FILE REFERENCE: 1560,012US1
CURRENT APPLICATION NUMBER: US/10/278,760
CURRENT FILING DATE: 202-10-23
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PASTSEQ for Windows Version 4.0
SEQ ID NO 2
                                                                                                                                                                                    SOPTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3, Application US/10002536A Publication No. US20030108874A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                          APPLICANT: Kane, Michael D.
APPLICANT: Nagel, Aaron C.
APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED (
TITLE OF INVENTION: (mRNAs) IN EUKARYOTIC ORGANISMS
TILE REFERENCE: 65446-87
CURRENT APPLICATION NUMBER: US/10/002,536A
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 5
1246 TCTTTGTTTTTTTAATC 1266
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                                          l Similarity 81.(
17; Conservative
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                                                            1.0%;
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                                        Score 14.6; DB 1;
Pred. No. 3.2e+02;
0; Mismatches 4
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Pred. No. 2.5e+02
0; Mismatches
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                                                                                  DB 1;
                                                                                Length 24;
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FILE REFERENCE: 65446-87
CURRENT APPLICATION NUMBER: US/10/002,536A
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
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; OTHER INFORMATION: This is a synthesized sequence.
US-10-002-536A-4
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Best Local Similarity
Matches 17; Conserv
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APPLICANT: Nagel, Aaron C.
APPLICANT: Nagel, Alan A.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
TITLE OF INVENTION: (MRNAs) IN EUXARYOTIC ORGANISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          09-866-108-1459/c
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APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PPLICANT:
                                                                                  OR APPLICATION NUMBER: PCT/USO1/0064
OR APPLICATION NUMBER: PCT/USO1/00669
OR APPLICATION NUMBER: PCT/USO1/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00668
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00663
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00662
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00661
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                       APPLICATION 1
                                            APPLICATION NUMBER: PCT/US01/00670 FILING DATE: 2001-01-30
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o. US20020048800A1
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N, Sharron
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2000-09-21
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                       60/234,687
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Pred. No. 3
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US-09-866-108-1460/c
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US-09-866-108-1459
; ORGANISM: Homo sapiens
US-09-866-108-1460
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SEQ ID NO 1459
LENGTH: 17
TYPE: DNA
                                                      SEQ ID NO 1460
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1460, Application US/09866108 Patent No. US20020048800A1
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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NUMBER OF SEQ ID NOS: 15752
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                              PRIOR APPLICATION NUMBER: US
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APPLICATION NUMBER: US 60/234,687
                                                                                                                                                                                                                                          FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00661
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Pred. No. 2
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DB 1;

Length 17;

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CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR PILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR PILING DATE: 2000-09-27

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30
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                                                                                                                                                                              ; ORGANISM: Homo sapiens
US-09-866-108-2270
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SEQ ID NO 2270
LENGTH: 17
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                                                                                                                                   Query Match
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PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
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CURRENT FILING DATE: 2001-05-25
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 15752
                                                                                                              Local
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APPLICATION NUMBER: PCT/US01/00661
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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Pred. No. 2.4e+02;
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Pred. No. 2
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RESULT 464

GENERAL INFORMATION:

Inc.

APPLICANT: Ribozyme Pharmaceuticals,
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave

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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo s
US-09-866-108-2271
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CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
                                                US-09-825-805-311/c
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Matches
Sequence 311, Appublication No.
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
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APPLICATION NUMBER: US 60/266,860
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FILING DATE: 2001-01-30
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  Application US/09825805
o. US20030004122A1
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Pred. No. 2.
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; ORGANISM: Homo sapiens
US-09-848-754A-831
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; ORGANISM: Homo sapiens
US-09-825-805-311
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PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 09/476, 387
PRIOR APPLICATION NUMBER: 09/474, 432
PRIOR FILING DATE: 1999-12-30
PRIOR FILING DATE: 1999-12-29
PRIOR PRIOR APPLICATION NUMBER: 09/301,511
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/083,727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 831, Application US/09848754A
publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MBHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT TILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: Patentin version 3.0
SEQ ID NO 831
                                                                                         Sequence 352, Application US/09930423 Publication No. US20030092003A1 GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
Matches 15; Conserv
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1558
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CURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27
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TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/064,866
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Pred. No. 2.
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Pred. No. 2.4e+02;
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Sequence 2047, Application US/09740332

Publication No. US20030125270A1

GENERAL IMFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Dis TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT ETLING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patentin version 3.0
SEQ ID NO 2047
LENGTH: 17
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                                     US-09-745-237A-352
                                                                                                                                                                                                                                                                                                                                                                  US-09-745-237A-352
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US-09-740-332-2047/c
                                                                                                        Sequence 352, Application US/09745237A

Publication No. US20030143708A1

GENERAL INFORMATION:

APPLICANT: Ribacyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim

TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

FILE REFERENCE: 400/007 (MBHB00-918-A)

CURRENT APPLICATION NUMBER: US/09/745,237A

CURRENT FILING DATE: 2002-04-15

NUMBER OF SEQ ID NOS: 4550

SOFTWARE: Patentin version 3.0

SEQ ID NO 352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: MBHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: Patentin Version 3.0
SEQ ID NO 352
LENGTH: 17
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Best Local Similarity
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Best Local Similarity
                                                                         LENGTH: 17
TYPE: RNA
                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: misc_feature
LOCATION:
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Pred. No. 2
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Query Match

1.0%;

Score 14.4;

띪 1.

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APPLICANT: Micozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
TITLE OF INVENTION: HER2
TITLE OF INVENTION: Homo sapiens

SCIPRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: Patentin version 3.0
SEQ ID NO 8
JENGTH: 17
TYPE: RNA
JORGANISM: Homo sapiens
US-10-138-674-1069/c ; Sequence 1069, Application US/10138674 ; Publication No. US20040077565A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 471
US-10-163-552-8/c
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; OTHER INFORMATION: oligonucleotide substrate US-09-817-879-2047
                                                          RESULT 472
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Best Local Similarity
Matches 15; Conserv
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CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2047
LENGTH: 17
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Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: artificial sequence FEATURE:
NAME/KEY: misc_feature
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Pred. No. 2.4e+02;
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1; Mismatches 1
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Pred. No. 2.4e+02;
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US-10-669-841-4640/c

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics,

Inc.

Lawrence, Blatt

APPLICANT: APPLICANT: APPLICANT:

Dennis, Macejak James, McSwiggen David, Morrissey

Pamela, Pavco

Patrice, Lee

APPLICANT:

Sequence 4640, Application US/10669841 Publication No. US20040127446A1

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                                                                                                                                                                                                                                    TITLE OF INVENTION: Method and Reagent for the Treat
TITLE OF INVENTION: Levels of Vascular Endothelial
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 1069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1069, Application US/10287949A Publication No. US20040102389A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.0
SEQ ID NO 1069
LENGTH: 17
                                                                              Matches
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                                                                                                                 Query Match
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APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE REFERENCE: MBHB00-876-N (400/049)
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                          LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
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17 AAAAAAAAAAAGTAGA
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Similarity 93.8%;
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Similarity 93.8%;
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                                                                                                Score 14.4; DB 1;
Pred. No. 2.4e+02;
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Pred. No. 2
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Factor Receptor
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Elisabeth, Roberts

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FILE REFERENCE: 400/042US (MBHB02-249-E);
CURRENT APPLICATION NUMBER: US/10/669,841;
CURRENT FILING DATE: 2003-09-23;
PRIOR APPLICATION NUMBER: PCT/US02/09187;
PRIOR FILING DATE: 2002-03-26;
PRIOR APPLICATION NUMBER: PCT/US02/09187;
PRIOR TILING DATE: 2001-06-08;
PRIOR TILING DATE: 2001-06-08;
PRIOR TILING DATE: 2001-06-08
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Best Local Similarity
Matches 15; Conserv
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Publication No. US20040137589A1
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                                                                                                                                                                                                                                                                                                                                                                                GENERAL
                                                                              CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
                                                                                                                                                                                                                                                                                                                                                                                                                                               ·10-723-361-1459/c
                                                                                                                                                                                 APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE
FILE REFERENCE: PB0105
                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                               APPLICANT: GU, YI
APPLICANT: JI, Y
APPLICANT: PENN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 16207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-02-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR EILING DATE: 2001-10-24
                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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FILING DATE: 2000-05-26
APPLICATION NUMBER: GB 24263.6
FILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,3
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APPLICATION NUMBER: US 09/504,321
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2001-03-26
APPLICATION NUMBER: US 09/740,332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 2002-03-11
APPLICATION NUMBER: US 09/817,879
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 60/363,124 FILING DATE: 2002-03-11
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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  US 60/236,359
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Pred. No. 2.4e+02
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                                                                                                                                                                                                              EXPRESSED PREDOMINANTLY
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RESULT 476
US-10-723-361-1460/c
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                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR PILING DATE: 2001-05-25
PRIOR PPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR REPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
                Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 1460
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Best Local
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APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
                                                                                                         PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00664
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TYPE: DNA
LENGTH:
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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CHEN, Wensheng
SHANNON, Mark
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ilarity 93.8%;
Conservative
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Pred. No. 2
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                                                                                    See File Wrapper or
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US-10-723-361-2271/c
; Sequence 2271, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
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Best Local Similarity
""" hes 15; Conserve
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; ORGANISM: Homo sapiens
US-10-723-361-2270
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US-10-723-361-1460
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Best Local Similarity 93.8%;
Matches 15; Conservative
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: P80105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
DRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggan
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00666
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HANZEL, David K.
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93.8%; Pred. No. 2.4e+02;
tive 0; Mismatches 1;
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Pred. No. 2.
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                                                       APPLICANT: Hiraga, Susumu
TITLE OF INVENTION: Rice Peroxidase Having Va
TITLE OF INVENTION: Characteristics
FILE REFERENCE: 59150-8019
CURRENT APPLICATION NUMBER: US/10/149,506
CURRENT FILING DATE: 2003-02-19
PRIOR APPLICATION NUMBER: DET/US00/08728
PRIOR FILING DATE: 2000-12-08
PRIOR FILING DATE: 2000-12-08
PRIOR FILING DATE: 1999-12-10
NUMBER OF SEQ ID NOS: 59
SOFTWARE: FastSEQ for Windows Version 4.0
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US-10-723-361-2271
SEQ ID NO 48
LENGTH: 18
TYPE: DNA
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CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: US 60/236,359
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Best Local S
Matches 15
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SEQ ID NO 2271
LENGTH: 17
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APPLICANT:
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AND
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OR APPLICATION NUMBER: PCT/US01/00666
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00667
OR FILING DATE: 2001-01-30
OR APPLICATION UMBER: PCT/US01/00664
OR APPLICATION UMBER: PCT/US01/00664
OR FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                    Nagamura, Yoshiaki
Ito, Hiroyuki
                                                                                                                                                                                                                                                                                                                                                                              Mitsuhara, Ich
Sasaki, Takuji
                                                                                                                                                                                                                                                                                                                  Iwai, Takayoshi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/10149506
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93.8%; Pred. No. 2.40
tive 0; Mismatches
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2.4e+02;
                                                                                                                                                                                                                                                                           Various
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:FROM SYNTHETIC
; OTHER INFORMATION: DNA
US-10-057-783A-46
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                                                                                                                                   SOFTWARE: Pa
SOFTWARE: Pa
; SEQ ID NO 6
FENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 481
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CURRENT FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 46
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 46, Application US/10057783A Publication No. US20040091955A1 GENERAL INFORMATION:
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Best Local (
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Matches 15; Conserv
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Query Match
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                                OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: oligonucleotide -09-563-728A-6
                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
                                                                                                                                                                                                                                                                        APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoumei
APPLICANT: Besterman, Jeffrey M
TITLE OF INVENTION: Inhibition of Histone Deaceylase
FILE REFERENCE: 106101.229
                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1999-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Forster, Anthony C.
TITLE OF INVENTION: Process and compositions for peptide, protein and TITLE OF INVENTION: peptidomimetic synthesis
FILE REFERENCE: 1
                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(18)
R14
                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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Pred. No. 2.6e+02;
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Pred. No. 2
   Score 14.4;
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US-10-145-493B-51
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                                                     ; OTHER INFORMATION: primer US-10-145-493B-51
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APPLICANT: Besterman, Jeffrey
APPLICANT: MacLeod, Robert
APPLICANT: Siders, William
TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
FILE REFERENCE: MET-015DV
CURRENT APPLICATION NUMBER: US/10/145,493B
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 09/420,692
PRIOR FILING DATE: 1998-10-19
PRIOR FILING DATE: 1998-10-19
PRIOR FILING DATE: 1998-10-19
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APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoumei
APPLICANT: Besterman, Jeffrey M
APPLICANT: Besterman, Jeffrey M
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LENGTH: 20
                                                                                                                                                               NUMBER OF SEQ ID NOS: 90
SOFTWARE: PatentIn version 3.0
SEQ ID NO 51
                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 51, Application US/10145493B Publication No. US20030096777A1
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Matches 15; Conser
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                   Query Match
Best Local Similarity
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SOFTWARE: Patentin V
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CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR FILING DATE: 1999-05-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose OTHER INFORMATION: substituted nucleotides; positions 5-16 are OTHER INFORMATION: deoxyribonucleotides
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ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified base
LOCATION: 1-4 and 17-20 are modified
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                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                          FEATURE:
                                                                                                                                             ENGTH: 20
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wo. US20030078216A1
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1.0%;
93.8%;
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Pred. No. 2.9e+02;
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0; Mismatches 1
 Score
Pred.
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 14.4; DB 1;
No. 2.9e+02;
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; TYPE: DNA
GRANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-340-097-114
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7S-10-336-215-114
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APPLICANT: L1, Yixin

APPLICANT: L1, Yixin

TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette

TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-

TITLE OF INVENTION: Transporter

TILLE REFERENCE: BYLR0065

CURRENT APPLICATION NUMBER: US/10/340,097

CURRENT FILING DATE: 2003-01-10

PRIOR APPLICATION NUMBER: US/09/032,438A

PRIOR APPLICATION NUMBER: 05/039,388

PRIOR APPLICATION NUMBER: 60/039,388

PRIOR FILING DATE: 1998-02-27

PRIOR FILING DATE: 1997-02-27

NUMBER: PATENTAL ON THE STATE OF THE S
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APPLICANT: Rattner, Amir
APPLICANT: Sun, Hui
APPLICANT: Tunnaki. James
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Best Local &
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INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
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                                                                                  Lupski, James R.
Nathans, Jeremy
Rattner, Amir
Shroyer, No. US20030170852Alh
Singh, Nanda
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Leppert, Mark
Dean, Michael
Singh, Nanda
Shroyer, No. US20030162276Alh
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Nathans, Jeremy
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Allikmets, Rando
Lewis, Richard A.
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                                                           Smallwood, Philip
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93.8%; Pred. No. 2.9;
ive 0; Mismatches
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CURRENT APPLICATION NUMBER: US/10/336,215
CURRENT FILING DATE: 2003-04-11
PRIOR APPLICATION NUMBER: 60/039,388
PRIOR FILING DATE: 1997-02-27
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 114
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
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                                                                                                                                 ; OTHER INFORMATION: Oligonucleotide primer US-10-336-219-114
                                                                                                                                                                                                                                  SEQ ID NO 114
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                                                                   Matches
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                                                                               Query Match
Best Local &
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APPLICANT:
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PRIOR FILING DATE: 1997-02-27
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences TITLE OF INVENTION: ATP-Binding Cassette Transporter FILE REFERENCE: BYLR0072 CURRENT APPLICATION NUMBER: US/10/336,219 CURRENT FILING DATE: 2003-01-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                  LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                1191 TTCGTGTGTGGTCTTT 1206
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                                                                               Similarity
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Rattner, Amir
Shroyer, No. US20030170853Alh F.
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b. US20030170853A1
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                                                               Conservative
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                                                                                 1.0%; Score 14.4; DB 1; 93.8%; Pred. No. 2.9e+02;
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APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/092,614

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

SEQ ID NOS: 11796

LENGTH: 20

TUTO: DATE: APPLICATION NUMBER: US 60/082,614
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APPLICANT: Fink, John K.

APPLICANT: Zhao, Xinping

TITLE OF INVENTION: Atlastin

FILE REFERENCE: UM-07745

CURRENT APPLICATION NUMBER: US/10/364,748

CURRENT FILING DATE: 2003-02-11

NUMBER OF SEQ ID NOS: 68

SOFTWARE: PatentIn version 3.2

SEQ ID NO 60

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens

US-10-364-748-60
            RESULT 489
US-10-289-762-6476
; Sequence 6476, Application US/10289762
; Publication No. US20040006218A1
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Best Local Similarity
Matches 15; Conserv
GENERAL INFORMATION:
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Publication No. US20040005584A1
GENERAL INFORMATION:
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Best Local !
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NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-8655 for SEQ 2124,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo Sapiens
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Local Similarity 93.8%;
tes 15; Conservative
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Pred. No. 2.9e+02;
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Pred. No. 2.9e+02;
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US-10-295-471-115/c; Sequence 115, Applic; Publication No. US20; GENERAL INFORMATION:
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                                                                                                                                                                   NUMBER OF SEQ ID NOS: 147
SEQ ID NO 115
LENGTH: 20
TYPE: DNA
ORGANISM: H. Bapiens
FEATURE:
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6476
LENGTH: 20
TYPE: DNA
CONCENTER OF SERVICE AND AND ADMINISTRATION OF SERVING AND ADMINISTRATION OF S
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Matches
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SEQ ID NO 44
LENGTH: 20
Query Match
Best Local Similarity
Matches 15; Conserv
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TITLE OF INVENTION: WODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0368
CURRENT APPLICATION NUMBER: US/10/295,471
CURRENT FILING DATE: 2002-11-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kenneth W. Dobie TITLE OF INVENTION: MODULATION OF NIMA-RELATED KINASE 6 EXPRESSION FILE REFERENCE: RTS-0368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/295,471
CURRENT FILING DATE: 2002-11-16
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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o. US20040097441A1
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   Conservative
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93.8%; Pred. No. 2.90
tive 0; Mismatches
Score 14.4; DB 1
Pred. No. 2.9e+02
0; Mismatches
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                                                                       DB 1;
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       Gaps
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1036 AGTGGGCGGCGGTGGT 1051

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; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-962-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-315-962-67/c
; Sequence 67, Application US/10315962
; Publication No. US20040109848A1
                                                                                                           US-10-251-117-247/c
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                                                                                                                           RESULT 494
                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: PCR Primer US-10-316-244-6
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                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 6
LENGTH: 20
TYPE: DNA
           Sequence 247, Application US/10251117

Publication No. US20030170891A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/10316244 Publication No. US20040110148A1
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APPLICANT: N1
APPLICANT: Su
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APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
FILE REFERENCE: PTS-0046
CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION
FILE REFERENCE: HTS-0096
CURRENT APPLICATION NUMBER: US/10/316,244
CURRENT FILING DATE: 2002-12-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 219
                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
ITLE OF INVENTION:
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RNA Interference Mediated Inhibition of Epidermal Growth Factor
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Pred. No. 2.9e+02;
D; Mismatches 1;
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Pred. No. 2.
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                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: US-10-251-117-496
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US-10-251-117-496
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CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR PRILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-07-25
                                                                                                                                                                                                                              SEQ ID NO 496
LENGTH: 19
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                                           Matches
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                                                                                Query Match
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                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: McSwiggen, James TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor TITLE OF INVENTION: Gene Expression Using Short Interfering RNA FILE REFERENCE: 900/942 (MBHB02-468-A) CURRENT APPLICATION NUMBER: US/10/251,117 CURRENT FILING DATE: 2003-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
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                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: McSwiggen, James
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TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                      FEATURE:
                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                               TYPE: RNA
                                                                 Local
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1519 ТААААААААААААСТАААА 1537
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                                           Conservative
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                                         1; Mismatches
                                                           Score 14.2;
Pred. No. 3
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Pred. No. 3
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                                                                                   DB 1;
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Query Match
Best Local Similarity
'Arches 15; Conserv
                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence:
US-10-251-117-781
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SOPTWARE: PatentIn ver
SEQ ID NO 781
LENGTH: 19
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SOFTWARE: FRETSEQ for Windows Version 3.0
SEQ ID NO 48
LENGTH: 19
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
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CURRENT APPLICATION NUMBER: US/09/766,450
CURRENT FILING DATE: 2001-01-10
NUMBER OF OFF
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                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/296,249 PRIOR FILING DATE: 2001-06-06
                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: The Regents of the University of California TITLE OF INVENTION: Repeat-Free Probes for Molecular TITLE OF INVENTION: Cytogenetics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Collins, Colin
APPLICANT: Volik, Stanislav
APPLICANT: Gray, Joe W.
APPLICANT: Albertson, Donna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2002-07-03
                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                              TYPE: RNA
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                                                                                                                                                        FEATURE:
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                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 09/916,466 FILING DATE: 2001-07-25
1523 AAAAAAAAAGTAAAAGGGA 1541
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o. US20030170891A1
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                                                        Score 14.2;
Pred. No. 3
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Pred. No. 3e+02;
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                                        Mismatches
                                                          3e+02
                                                                           DB 1;
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                                                                           Length 19;
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                                        Indels
                                                                                                                                   Target sequence/siNA sense
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US-10-251-117-859/c
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                                                                       SOFTWARE: PatentIn version 3.0 SEQ ID NO 1088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1088, Application US/10251117 Publication No. US20030170891A1
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                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor Retire OF INVENTION: Gene Expression Using Short Interfering RNA FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR PILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
                                                                                                                                               PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
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                                                                                                                               NUMBER OF SEQ ID NOS: 1213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/358,580 PRIOR FILING DATE: 2002-02-20
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CURRENT FILING DATE: 2003-02-24
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ORGANISM: Artificial Sequence
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                                                     ENGTH: 19
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o. US20030170891A1
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                                                                                                                                                                                                                                                                                                                                                   Sequence 6158, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.0200P1
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Matches
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NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 1166
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CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR APPLICATION NUMBER: P
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CURRENT EPIDICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR PILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2001-07-25
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
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Local Similarity 84.2%;
es 16; Conservarion
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larity 31.6%; Pred. No. 3e+
Conservative 10; Mismatches
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Pred. No. 3e+02;
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US-09-923-517-125/c
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US-10-364-748-60
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                                                                                                                                                                                                                                                                                                           Sequence 125, Application US/09 Publication No. US20020039741A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/364,748
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn version 3.2
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
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NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6158
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APPLICANT: Zhao, Xinping
TITLE OF INVENTION: Atlastin
FILE REFERENCE: UM-07745
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TYPE: DNA
ORGANISM: Homo Sapiens
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NAME/KEY: primer_bind
LOCATION: 1..19
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COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH,

COMPUTER: IBM PS/2

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.1

CURRENT APPLICATION DATA:
                                                                                                                                                                                                              TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods Activating Protein 1
                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                             APPLICANT: Nicholas M. Dean; Robert A. McKay;
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il Similarity 84.2%;
16; Conservation
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                                                                                                                         STATE: NJ
                                                                                                                                     CITY: Marlton
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                                                                                                           COUNTRY:
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Pred. No. 3
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                                                              1.44 MB STORAGE
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APPLICATION NUMBER: US/09/923,517 FILING DATE: 07-Aug-2001

CLASSIFICATION: <Unknown>

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US-09-923-517-132/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-923-517-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 132, Application US/09923517 Publication No. US20020039741A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO: 125:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                               COMPUTER READBLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDDERFECT 6.1
CURRIT APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517
FILING DATE: 07-Aug-2001
CLASSIFICATION OATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/364,416
APPLICATION NUMBER: 09/364,416
APPLICATION NUMBER: 30,257
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
THERE AREAS AR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
                                                                                                                     REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION: INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren Miraglia; Brenda F. Baker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 125:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
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TYPE: Nucleic Acid
STRANDEDNESS: Single
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: NJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Marlton
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Pred. No. 3.
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US-09-731-457B-22
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                                                                                                                                                            Sequence 22, Application US/09731457B
Patent No. US20020103146A1
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF DAWAGE-SPECIFIC DNA BINDING PROTEIN 1,
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0182
                            CURRENT APPLICATION NUMBER: US/09/731,457B
CURRENT FILING DATE: 2000-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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SEQ ID NO 17
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PRIOR FILING DATE: 1998-10-12
PRIOR APPLICATION NUMBER: 60/132,277
PRIOR FILING DATE: 1999-05-03
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APPLICANT: ESSIOUX, Laurent
TITLE OF INVENTION: Genes, proteins and biallelic markers related to central...
FILE REFERENCE: GENSET.045AUS
CURRENT FILING DATE: 1999-10-12
CURRENT APPLICATION NUMBER: US/09/416,384A
PRIOR APPLICATION NUMBER: 60/106,457
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
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                                                                                                                                                                                                                                                                                                                                                                                                                          1306 TTTTTTTTTTTTCAGAGA 1324
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BOUGUELERET, Lydie
CHUMAKOV, Ilya
COHEN, Daniel
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84.2%; Pred. No. 3.2e+02;
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Pred. No. 3.2e
0; Mismatches
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; SEQ ID NO 6; LENGTH: 20
; LENGTH: DNA
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-101-6
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-951-401-6
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SEQ ID NO 6
LENGTH: 20
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Best Local Similarity 84.2%;
Matches 16; Conservation
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Patent No. US20020115104A1
GENERAL INFORMATION:
                                                                        Matches
                                                                                       Query Match 1.0%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/951,401
CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US 09/306,998
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR FILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 72
                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/922,101
CURRENT FILING DATE: 2001-08-06
PRIOR APPLICATION NUMBER: 09/306,998
PRIOR FILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 72
SOPTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bartel, Paul L.
APPLICANT: Tavtligian, Sean V.
TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
FILE REFERENCE: MMSC2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Tavtigian, Sean V.
TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bartel, APPLICANT: Tavtig
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1238 CTTCCTCATCTTTGTTTTG 1256
                                  1238 CTTCCTCATCTTTGTTTTG 1256
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CTTCCTCCTCTTTGTATGG 19
                                                                        Conservative
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                                                                                       Score 14.2; DB 1
Pred. No. 3.2e+02
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Pred. No. 3.2e+02
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Pred. No. 3.2e+02;
                                                                      Mismatches
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                                                                                                        DB 1;
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RESULT 510
US-09-263-959-849
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OTHER INFORMATION: No. US20020146718Alel Sequence US-09-955-410-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 849, Application US/09263959 Patent No. US20020150891A1
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Best Local Similarity 84.2%;
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                TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 845
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 09/686,114 PRIOR FILING DATE: 1996-07-24 NUMBER OF SEQ ID NOS: 43
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CURRENT FILING DATE: 2001-09-18
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.1
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APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                             NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 05-MAF CLASSIFICATION:
                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Seattle
STATE: Washington
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ENGTH:
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6300 Columbia Center,
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Koop, Ben F.
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Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 701 Fifth Avenue
                                                                                                                                                                                                                                                                               Version
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APPLICANT: Zonana et al.
TITLE OF INVENTION: Hypohydrotic ectodermal dy.
FILE REFERENCE: 55924
FURRENT APPLICATION NUMBER: US/09/729,658B
CURRENT FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 09/342,681
PRIOR APPLICATION NUMBER: 60/092,279
PRIOR APPLICATION NUMBER: 60/092,279
PRIOR APPLICATION NUMBER: 60/102,366
PRIOR FILING DATE: 1998-07-09
PRIOR APPLICATION NUMBER: 60/112,366
PRIOR FILING DATE: 1998-12-15
NUMBER OF SEQ ID NOS: 122
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US-09-951-402-6
US-09-729-658B-51
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-951-402-6
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Best Local Similarity 84.2
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                       SOFTWARE: PatentIn Ver.
SEQ ID NO 51
LENGTH: 20
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Patent No. US20020168752A1
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CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US 09/306,998
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR FILING DATE: 1998-05-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 2.0
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TITLE OF INVENTION: MMSC2- AN MMAC1 Interacting Protein
                OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide primers that were u OTHER INFORMATION: human DL.
                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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TOPOLOGY: li
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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RESULT 514
US-09-784-674-339
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CURRENT FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 09/661,753
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/154,546
PRIOR FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 71
SEQ ID NO 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 339, Application No. US2003 GENERAL INFORMATION:
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Publication No. US20030050265A1
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Best Local (
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APPLICANT: Susan F. Murray
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH
TITLE OF INVENTION: FACTOR BETA EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: ISPH-0607
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COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION: No. US20030054346A1 available
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                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1165
                                                                                                                                                                                                                                                                                                                                                 Delenstarr, Glenda C.
webb, Peter G.
Kincaid, Robert H.
KIncaid, Robert H.
OF INVENTION: Methods for evaluating oligonucleotide
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Similarity 84.2%;
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                                                                                                                                                                                                                     ADDRESSEE: Records Manager,
Company M/S 20BO
STREET: 3000 Hanover Street
CITY: Palo Alto
                                                                                                                                                                                                    STATE: CA
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5. US20030054346A1
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Pred. No. 3.2e+02;
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Pred. No. 3
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RESULT 515
US-09-784-674-340
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 339:
SEQUENCE CHARACTERISTICS:
                       INFORMATION
                                                       COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION DATA:
APPLICATION NO. US20030054346A1 available
PRIOR APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Shannon, Karen W.
Wolber, Paul K.
Delenstarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 339:
                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Records Manager,
Company M/S 2080
STREET: 3000 Hanover Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 94304
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Choi, Wendy A. REGISTRATION NUMBER: 36,697
TELEFAX: 650-852-8063
N FOR SEQ ID NO: 340:
NCE CHARACTERISTICS:
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o. US20030054346A1
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Pred. No. 3.2e+02;
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TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION FILE REFERENCE: RTS-0341
CURRENT APPLICATION NUMBER: US/10/006,430
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 38
LENCTH: 20
TYPE: PARTY
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US-10-006-430-38/c
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TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN TH
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LO
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: DS/534,061
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 213
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Ying, Vin
APPLICANT: Wu, Paul
APPLICANT: Gray, Ga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
                  ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Match 1.0%;
Local Similarity 84.2%;
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ANTI-SENSE: NO
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Pred. No. 3
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Pred. No. 3.2e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3.2e+02;
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TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSIC FILE REFERENCE: RTS-0274; CURRENT FAPLICATION NUMBER: US/10/006,191; CURRENT FILING DATE: 2001-12-10; NUMBER OF SEQ ID NOS: 153
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: -
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US-10-010-002-71/c
                             RESULT 520
US-10-154-890-4
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Sequence 4, Application US/10154890 Publication No. US20030180734A1
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LENGTH: 20
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/010,002
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Brenda F. Baker APPLICANT: Kenneth Dobie
                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                          Local Similarity hes 16; Conserv
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                                                                                                                           1167 TATTTGTTGAAATAGTGAC 1185
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
                                                                                                                                                           Mismatches
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                                                                                                                                                                                         Length 20;
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FILE REFERENCE: ISISO540
CURRENT APPLICATION NUMBER: US/10/154,890
CURRENT FILING DATE: 2002-05-23
PRIOR APPLICATION NUMBER: US/08/108,591
PRIOR FILING DATE: 2001-08-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 125, Application US/10430196 Publication No. US20030194738A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                       INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: No. US20030180734Alel Sequence
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                                                                                                                                                                         APPLICATION NUMBER: US/09/923,517A
FILING DATE: 07-Aug-2001
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOPTWARE: WORDDERPECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
Miragila; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 08053
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
                                                                                                                                  REFERENCE/DOCKET NUMBER: ISPH-0209 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1520 АЛАЛАЛАЛАЛАЛ ТАЛАЛ 1538
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                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/10/430,196
FILING DATE: 05-May-2003
CLASSIFICATION: Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                      TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Marlton
TYPE: Nucleic Acid
                       LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.0%; Score 14.2; I
84.2%; Pred. No. 3.20
ative 0; Mismatches
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                                                                                                                                                  ; SEQUENCE DESCRIPTION: SEQ ID NO: 132: US-10-430-196-132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-430-196-132/c
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Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                           TELEFAX: (609) 810-1454 INFORMATION FOR SEQ ID NO: 132:
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/10/430,196
FILING DATE: 05-May-2003
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517A
FILING DATE: 07-Aug-2001
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                 NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1290 TTGTGGTGGTTAATCTATTT 1308
                                      1290 TIGIGIGGITAATCTATTT 1308
                                                                                                                                                                                          ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ANTI-SENSE: Yes
  19
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                                                                            16;
  TTGTGTTTTTAATTTATTT 1
                                                                                                                                                                                                        TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: Linear
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                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (609) 810-1515
                                                                                                                                                                                                                                                                       ENGTH: 20
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                                                                              Conservative
                                                                                            1.0%;
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                                                                                            Score 14.2; DB 1
Pred. No. 3.2e+02
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Pred. No. 3.2e+02;
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                                                                              Mismatches
                                                                                                                Length 20
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                                                                              Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
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CUKKENT FILING DATE: 2002-07-22

PRIOR APPLICATION NUMBER: 09/489,869

PRIOR FILING DATE: 2000-01-20

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 23

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-874-23
                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: an artificially ; OTHER INFORMATION: synthesized primer sequence US-10-104-047-3983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 524
US-10-104-047-3983/c
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                                                                                                                    US-10-388-329-5/c
                                                                                                                                   RESULT 525
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                                                                          Sequence 5, Application US/10388329
Publication No. US20040002093A1
                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 3983
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                       Query Match
APPLICANT: SHI, LIANG
TITLE OF INVENTION: NUCLEIC ACID DETECTION METHOD
FILE REFERENCE: 109845.191US2; TMRI-020US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: HELIX RESEARCH INSTITUTE TITLE OF INVENTION: NO. US200302363: FILE REFERENCE: H1-A0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Isis Pharmaceuticals, APPLICANT: Susan Murray APPLICANT: Lex M. Cowsert APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTSP-0351
CURRENT APPLICATION NUMBER: US/10/181,874
CURRENT FILING DATE: 2002-07-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
                                                                                                                                                                                                                                                                                       Local
                                                                                                                                                                                                                              792 GGTATATACGAAAGTGCTG 810
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                                                                                                                                                                                                                                                                     16;
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                                                                                                                                                                                                                                                                   Similarity 84.2
L6; Conservative
                                                                                                                                                                                             GCTATATAGGAAAATGCTG 1
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Pred. No. 3.
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Pred. No. 3.2e+02
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Sequence 5443, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5443
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-289-762-5443/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-289-762-4133/c
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Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
TITLE OF INVENTION: Thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: Thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: COLORDO SEQ. 10.003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4133
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
IS-10-289-762-4133
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Matches
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CURRENT FILING DATE: 2003-03-13
PRIOR APPLICATION NUMBER: 60/364,230
PRIOR FILING DATE: 2002-03-13
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 5
Query Match
Best Local Similarity
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 84.2%;
nes 16; Conservative (
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Local Similarity 84.2%;
nes 16; Conservative
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1.0%;
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Pred. No. 3.2e+02
0; Mismatches
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Pred. No. 3.2e+02;
0; Mismatches 3;
Score 14.2; DB 1;
Pred. No. 3.2e+02;
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                        Length 20;
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US-10-633-163-11/c
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                                                                                                                                         US-10-633-163-11
                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/633,163
CURRENT FILING DATE: 2003-08-01
PRIOR APPLICATION NUMBER: US/09/948,002
PRIOR FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 09/661,753
PRIOR FILING DATE: 2000-09-14
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/154,546
PRIOR APPLICATION NUMBER: 60/154,546
PRIOR APPLICATION NUMBER: 60/154,546
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Best Local Simi
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SEQ ID NO 61
LENGTH: 20
                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
SEQ ID NO 11
LENGTH: 20
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APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
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                                                                   Matches
                                                                                    Best Local
                                                                                                     Query Match
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CURRENT FILING DATE: 2002-07-18
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0375
                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH TITLE OF INVENTION: FACTOR BETA EXPRESSION FILE REFERENCE: ISPH-0607
                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                  1.0%; Score 14.2;
84.2%; Pred. No. 3
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Pred. No. 3.2e+02;
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US-10-300-424-109
Sequence 109, Application US/10300424
Publication No. US20040096835A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
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TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASS
TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTH
FILE REFERENCE: PC18366A
CURRENT APPLICATION NUMBER: US/10/280,183A
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: 60/200,794
PRIOR PILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 652
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
; ORGANISM: Mouse
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Publication No. US2004096835A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
                                                                                                                                                                                                                       Matches
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CURRENT APPLICATION NUMBER: US/10/300,424
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 129
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
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Beauchamp, Gary K.
Chatterjee, Aurobindo
De Jong, Pieter J
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Reed, Danielle R.
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llarity 84.2%;
Conservative
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Pred. No. 3
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Pred. No. 3.2e+02;
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OTHER SWEETNERS
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APPLICANT: Broschat, Kay
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOPTWARE: Patentin version 3.2
SEQ ID NO 94
                                                                                                         GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
PRIOR FILING DATE: 2002-10-17
                                   NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 255
LENGTH: 20
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SEQ ID NO 109
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Publication No.
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CURRENT FILING DATE: 2002-11-19
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ORGANISM: H. sapiens
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ORGANISM: artificial
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                     TYPE: DNA
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84.2%; Pred. No. 3
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Pred. No. 3.2e
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CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2086
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
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US-10-688-706-925
              ş
                                                                                                         ; OTHER INFORMATION: human GFAT antisense US-10-688-706-2086
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US-10-688-706-2086/c
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Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
                                              Query Match 1.0%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 925
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APPLICANT: Broschat, Kay

TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION

FILE REFERENCE: 01393/1
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TYPE: DNA
ORGANISM: artificial
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                1246 TCTTTGTTTTGTTTTTAA 1264
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Pred. No. 3.2e+02;
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3.2e+02;
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                                                                                 US-10-315-962-90
                                                                                              RESULT 539
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 Sequence 90, Application US/10315962
Publication No. US20040109848A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 126
SEQ ID NO 20
LENGTH: 20
                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                           Query Match
Best Local Similarity
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: PTS-0046
                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: Antisense Oligonucleotide US-10-315-962-20
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CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2441
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
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                                       337 AGGAGCTCCTGCGCCGCCC 355
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20 AGGACCTCCTGCACGGCCC 2
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Pred. No. 3.
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Pred. No. 3.2e+02;
                                                                                   Mismatches
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
FILE REFERENCE: PTS-0046
CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
ORGANIST
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                                                                                                        APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION
FILE REFERENCE: HTS-0096
CURRENT APPLICATION NUMBER: US/10/316,244
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 219
8EQ ID NO 162
LENGTH: 20
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION
FILE REFERENCE: HTS-0096
CURRENT APPLICATION NUMBER: US/10/316,244
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 219
SEQ ID NO 64
LENGTH: 20
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Best Local Similarity
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Publication No. US20040110148A1
Query Match
Best Local Similarity
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                                                                       ORGANISM: M. musculus
                                                                                              TYPE: DNA
                                                               FEATURE:
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Pred. No. 3.2e+02
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Pred. No. 3.2e+02;
Score 14.2; DB 1;
Pred. No. 3.2e+02;
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APPLICANT: Kenneth Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS)
FILE REFERENCE: RTS-0331
CURRENT APPLICATION NUMBER: US/10/744,831
CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: US/10/010,002
PRIOR FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 706
                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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Best Local ?
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                                                                                    Best Local
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APPLICANT: Gieree, James K
APPLICANT: Gieree, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
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Similarity 84.2%;
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Similarity 84.2%;
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                                                                                  Score 14.2;
Pred. No. 3.
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Pred. No. 3.2e+02;
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RESULT 544 US-10-671-395-781/c

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US-10-671-395-836/c
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 836
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APPLICANT: CHERRE, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOPTWARE: PALENTIN VERSION 3.2
SEQ ID NO 781
LENGTH: 20
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Publication No. US20040132063A1
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Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Pharmacia Corp.
APPLICANT: Gieree, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Pharmacia Corp. APPLICANT: Gierse, James
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ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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16; Conservative
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o. US20040132063A1
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Pred. No. 3.2e+02;
0; Mismatches 3;
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Pred. No. 3.2e+02;
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-994
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION UNMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1111
LENGTH: 20
                                                                                                        GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION
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SEQ ID NO 994
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
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Publication No. US20040132063A1
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
                          CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER: 60/413,549
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Pharmacia Corp. APPLICANT: Gierse, James
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                NUMBER OF SEQ ID NOS: 1809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Human PGE2 antisense
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PatentIn version 3.2
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Pred. No. 3.
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Pred. No. 3
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3.2e+02;
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RESULT 550
US-10-728-399-141/c
                                                     ; FEATURE:
; OTHER INFORMATION: human mitoNEET antiBense
US-10-728-399-141
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US-10-671-395-1309/c
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; OYPEANISM: artificial
; PEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1148
                                                                                                   APPLICANT: Pharmacia Corp.
APPLICANT: Colca, Jerry
APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455_1
CURRENT PELLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: Patentin version 3.2
SEQ ID NO 141
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                             Sequence 141, Application US/10728399
Publication No. US20040132078A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 1309
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
Query Match
Best Local Similarity
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Best Local Similarity 84.2%;
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Best Local Similarity
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ORGANISM: artificial
FEATURE:
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Score 14.2; DB 1;
Pred. No. 3.2e+02;
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                 Length 20;
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; FEATURE: ; OTHER INFORMATION: Synthetically derived DNA US-10-331-780-6
                                                                                              ; OTHER INFORMATION: Oligonucleotide Primer US-10-343-710-146
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APPLICANT: SCHAEFER, M., K.-H.
APPLICANT: SCHAEFER, M., K.-H.
TITLE OF INVENTION: SCREENING METHOD
FILE REFERENCE: 029310.52022US
CURRENT APPLICATION NUMBER: US/10/343,710
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: PCT/EP01/09011
PRIOR FILING DATE: 2001-08-03
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PRIOR FILING DATE: 1995-06-07
PRIOR PELICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-25
PRIOR APPLICATION NUMBER: US 07/833,607
PRIOR FILING DATE: 1992-02-19
PRIOR FILING DATE: 1992-02-19
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FASESEQ for Windows Version 3.0
Query Match
Best Local Similarity 100.
Matches 14; Conservative
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                                                                                                                                                                                                                     SEQ ID NO 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                    LENGTH: 14
TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 157
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/331,780 CURRENT FILING DATE: 2002-12-31
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TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Chetverin, Alexander B. APPLICANT: Kramer, Fred Russel
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TYPE: DNA
ORGANISM: Artificial Sequence
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WNENDT, Stephan
WEIHE, E.
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              1.0%; Score 14; DB 1; Length 14; 100.0%; Pred. No. 2.3e+02; tive 0; Mismatches 0; Indels
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Pred. No. 3.8e+02;
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1518 TTAAAAAAAAAA 1531

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                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1581
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US-10-297-068-672
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CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 672
                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 1581
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                              Sequence 1581, Application US/09969373

Batent NO. US20020133852A1

GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373

CURRENT FILING DATE: 2001-10-02

PRIOR APPLICATION NUMBER: US/09/754,853

PRIOR RETLING DATE: 2001-01-05

PRIOR FILING DATE: 2001-01-05
                                                                                  Matches
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Best Local :
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                                                                                                                      Query Match
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APPLICANT: KAGIYA, Taeko
APPLICANT: ICHIHARA, Tatsuo
APPLICANT: Matsumura, Yoshiyuki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: NISHIDA, Michio
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140F1174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 16
                                                                            y Match 1.0%; Score 14; DB 1; I
Local Similarity 100.0%; Pred. No. 2.9e+02;
hes 14; Conservative 0; Mismatches 0;
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1es 14; Conservative
                                   1560 AATGCCAGCCAACA 1573
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; Pred. No. 2.7
0; Mismatches
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hes 0;
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NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1163
LENGTH: 17
TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-1163
Query Match
Best Local Similarity
Thes 13; Conserva
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PRIOR FILING DATE: 2000-05-23
PRIOR PELICATION NUMBER: 09/476,387
PRIOR PELICATION NUMBER: 09/474,432
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR PELICATION NUMBER: 09/301,511
PRIOR PELICATION NUMBER: 09/301,511
PRIOR PELICATION NUMBER: 09/306,675
PRIOR PELICATION NUMBER: 09/186,675
PRIOR PELICATION NUMBER: 09/186,675
PRIOR PELICATION NUMBER: 09/083,727
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-11-05
PRIOR FILING DATE: 1998-11-05
PRIOR FILING DATE: 1998-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 1558
SOFTWARE: PatentIn version 3.0
SEQ ID NO 312
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                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1163, Application US/09930423 Publication No. US20030092003A1
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Best Local :
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APPLICANT: Sweedler, Dave
APPLICANT: Sinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
FILE REFERENCE: MBH800-831-F (400/009)
CURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27
                                                                                                                                                                                                                                                                                APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MBHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
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APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   469 GGGGCGCGCCTG 482
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14; Conservative (
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                      Conservative
                      1.0%; Score 14; DB 1;
92.9%; Pred. No. 2.9e+02;
ative 1; Mismatches 0
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Pred. No.
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                                                                  Length 17
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                           Gaps
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CGCCGCCGTGCCGA 655

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US-10-156-306-523/c
Sequence 523, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
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APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MBHB00-918-A)
CURRENT FILING DATE: 2002-04-15
CURRENT FILING DATE: 2002-04-15
NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SEQ ID NO 1163
SEQ ID NO 1163
CREANISM: Homo sapiens
US-09-745-237A-1163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 j LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-9
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US-09-745-237A-1163
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                                                                                                                                                                                                             RESULT 559
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APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
TITLE OF INVENTION: HER2
FILE REPERENCE: MBHB01-1653-A (400/014)
FULE REPERENCE: MBHB01-1653-A (400/14)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: Patentin version 3.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 9, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
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Local Similarity 92.9%;
les 13; Conservarion
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Local Similarity 100.0%; Pred. No. 2.9e+02;
1es 14; Conservative 0; Mismatches 0;
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Pred. No. 2.9e+02;
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                                                                          US-10-156-306-525
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 Matches
                                                                                                                             SEQ ID NO 525
LENGTH: 17
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                                    Query Match
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                                                                                                                                                          APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT FALCATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
IIILE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
IIILE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 80.3
SOFTWARE: PatentIn version 3.0
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CURRENT FILLING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOPTWARE: PatentIn version 3.0
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
                                                                                         ORGANISM: Homo sapiens
                                                                                                            TYPE: RNA
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                   Local Similarity 100.0%;
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Pred. No. 2.9e+02;
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Stinchcomb,

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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2877
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Sequence 1073, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 526
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publication No. U320030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT APPLICATION NUMBER: PCT/US 02/16840
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-19
PRIOR FILING DATE: 2002-05-29
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 2877
LENGTH: 17
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Pred. No.
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Pred. No. 2.9e+02;
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US-10-287-949A-1073/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 9, Application US/09775479
Publication No. US20040067197A1
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APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
FULL REFERENCE: MBHB00-876-N 
CURRENT APPLICATION NUMBER: US/09/775,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 09/318,106
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: 08/756,728
PRIOR FILING DATE: 1996-11-26
                                                                                                                                                                                                                                APPLICANT: LECLERC, Guy
APPLICANT: MARTEL, R, mi
APPLICANT: MARTEL, R, mi
TITLE OF INVENTION: RADIOLABELED DNA CARRIER, METHOD OF
TITLE OF INVENTION: RADIOLABELED DNA CARRIER, METHOD OF
TITLE OF INVENTION: THERAPEUTIC USES THEREOF
FILE REFERENCE: 12168-1US-2
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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TYPE: RNA
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APPLICANT: INOKO, Hidetoshi
APPLICANT: KAGIYA, Tasko
APPLICANT: KAGIYA, Tasko
APPLICANT: Matsumura, Yoshiyuki
APPLICANT: MATSUMURA, Yoshiyuki
APPLICANT: MORIYA, Shogo
APPLICANT: NISHIDA, Michio
ITILE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 1314OP1174
CURRENT FILLING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: US/10/297,068
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
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APPLICANT: Olu, Gang
APPLICANT: Olu, Gang
APPLICANT: Olu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/10/054,387
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR FILING DATE: 1998-03-09
PRIOR FILING DATE: 1998-05-11
NUMBER OF SEQ ID NOS: 79
SOFTWARE: Patentin Ver. 2.0
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US-10-054-387-48
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-775-479-9
                                                                                                                                                                                                                                                                                                                        RESULT 568
US-10-297-068-191
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LENGTH: 18
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                  Sequence 191, Application US/10297068 Publication No. US20030228585A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 48, Application US/10054387
Publication No. US20030054365A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 24
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 100.0%; Pred. No.
es 14; Conservative 0; Mismatci
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Pred. No.
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-191
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US-10-032-495-6/c
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APPLICANT: YAN, MEN LIANG
TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
TITLE OF INVENTION: CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTY
TITLE OF INVENTION: CELLS SUITABLE FOR TRANSPLANT DERIVED THEREFROM, AND
TITLE OF INVENTION: MATERIALS AND METHODS USING SAME
FILE REFERENCE: 0249-0002US
CURRENT APPLICATION NUMBER: US/10/032,495
CURRENT FILING DATE: 2002-01-02
PRIOR FILING DATE: 2001-01-02
PRIOR APPLICATION NUMBER: 60/258,881
PRIOR FILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 86
SOFTWARE: PATENTIN VEY. 2.1
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/10032495
Publication No. US20020155601A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5030, Application US/10349143 Publication No. US20040005584A1
       APPLICANT: Chimakov, Ilya

APPLICANT: Chimakov, Ilya

APPLICANT: Chimakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/99/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
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Best Local Similarity 100.0%;
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LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Probe
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     FILING DATE:
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NUMBER: EARLIER APPLICATION NUMBER: US EARLIER FILING DATE: 1998-04-21
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100.0%; Pred. No.
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Pred. No.
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3.1e+02;
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; FEATURE:
, NAME/KEY: primer bind
, LOCATION: 1..19 -
; OTHER INFORMATION: upstream amplification primer 99-20428 for SEQ 1096,
US-10-349-143-5030
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; ORGANISM: Mus musculus
US-10-714-796-224
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US-10-714-796-224/c
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APPLICANT: Koller, Erich
TITLE OF INVENTION: ANTISENSE MODULATION OF KINESIN-LIKE 1 EXPRESSION
FILE REFERENCE: ISHT-1004
CURRENT APPLICATION NUMBER: US/10/714,796
CURRENT FILING DATE: 2003-11-17
PRIOR APPLICATION UNMBER: US 10/156,603
PRIOR APPLICATION UNMBER: US 10/156,603
PRIOR FILING DATE: 2002-05-23
NUMBER OF SEQ ID NOS: 237
SOFTWARE: Patentin version 3.2
SEQ ID NO 224
LENGTH: 20
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Publication No. US20040180847A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                       Sequence 744, Application US/09263959
Patent No. US20020150891A1
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Best Local Similarity
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SEQ ID NO 5030
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          ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Palana
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                                                                                                                                                                                                                            APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                         CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity 100.0%; | 1es 14; Conservative 0;
                                                                                                                                                                                                                ADDRESSEE: Seed and Berry LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1348 ATTTTTATTTTCCC 1361
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100.0%; Pred. No.
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                    Version #1.25
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Best Local S
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                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                            Sequence 1070, Application US/10287949A Publication No. US20040102389A1
                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
                 APPLICANT: Pavcó, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
                                                                                                                       APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEFAX: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 744:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ribozyme Pharmaceuticals, Inc
CURRENT APPLICATION NUMBER: US/10/287,949A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: 05-MAF CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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05-MAR-1999
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11.8%; Pred. No. 3
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3.2e+02;
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APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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                                                                                                                                                                                                                                                         Sequence 2272, Application US/09866108 Patent No. US20020048800A1 GENERAL INFORMATION:
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SEQ ID NO 5
LENGTH: 17
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NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 1070
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TYPE: RNA
ORGANISM: Homo sapiens
-10-287-949A-1070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed TITLE OF INVENTION: Oligomeric Compounds FILE REFERENCE: ISIS4528 CURRENT APPLICATION NUMBER: US/09/726,096A CURRENT FILING DATE: 2000-11-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 12
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                                                                                                                                                                                                                      APPLICANT: GU, Yizhong APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (1)...(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
OTHER INFORMATION: internucleoside linkage
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OTHER INFORMATION: Oligonucleotide
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hes 2; Conserv
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les 15; Conserv
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11.8%; Pred. No. 3.
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Pred. No. 3.2e+02;
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3.2e+02;
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                                                                                                       HUMAN HEART AND MUSCLE
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APPLICANT: UI, YONGGANG
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILLING DATE: 2000-05-26
PRIOR FILLING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILLING DATE: 2001-01-30
PRIOR PILLING DATE: 2001-01-30
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; ORGANISM: Homo sapiens
US-09-866-108-2272
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
APPLICANT: HANZEL, David
APPLICANT: RANK, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
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OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00665
OR APPLICATION NUMBER: PCT/USO1/00666
OR APPLICATION NUMBER: PCT/USO1/00666
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APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
     APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
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2001-01-30
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Pred. No. 3.2e+02;
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 9997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9997
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Local Similarity 88.2%;
hes 15; Conservative
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00661
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/843,676
FILING DATE: 26-Apr-2001
CLASSIFICATION: 536
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                                                                                                                                                                       PRIOR APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Andrews, William H.
TITLE OF INVENTION: No. US20020164786Alel Telomerase
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APPLICATION NUMBER: US/08/854,050 FILING DATE: 09-MAY-1997 APPLICATION NUMBER: US 08/846,017 FILING DATE: 25-APR-1997 APPLICATION NUMBER: US 08/844,419 FILING DATE: 18-APR-1997 APPLICATION NUMBER: US 08/724,643 FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, 8th Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: United States of America
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                                                                                                                                                                                                                                                                                                                                                                                           94111
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cech, Thomas R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.8; DI
Pred. No. 3.2e-
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
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US-09-766-253-132/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                            INFORMATION FOR SEQ ID NO: 132:
                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/766,253
FILING DATE: 19-Jan-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/846,017
FILING DATE: 1997-04-25
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Match 1.0%; Score 13.8; DB 1; Local Similarity 88.2%; Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION: 756-0200
TELEPHONE: (415) 576-0300
MATION FOR CONC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTMARE: PATENET RELEASE #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Andrews, William H.
TITLE OF INVENTION: No. US20020187471A1el Telomerase
NUMBER OF SEQUENCES: 171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1520 AAAAAAAAAAAGTAAA 1536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE DESCRIPTION: SEQ ID NO: 132
                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                             NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002920US
                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: United States of America
                                                                                                                                      TELEFAX:
                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/09766253
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Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ingner, Joachim
                                                                                                                                    (415)
                                                                                                                                                     (415) 576-0200
                                                                                                                                    576-0300
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, SEQUENCE DESCRIPTION: SEQ ID NO: 132: US-09-766-253-132
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US-09-438-486-132/c
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Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 132, Application US/09438486 Publication No. US20030009019A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Cech,
APPLICANT: Lingne
                                                                      TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                         FILING DATE: 18-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #10, Version #1.30 CURRENT APPLICATION DATA: APPLICATION UNMBER: US/09/438,486 FILING DATE: 12-NOV-1999 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                              NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 019
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
FILING DATE: 25-APR-1997
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
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APPLICANT: Andrews, William H.
IITLE OF INVENTION: No. US20030009019A1el Telomerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TUMBER OF SEQUENCES:
            LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: San Francisco
STATE: California
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Two Embarcadero Center, 8th Floor
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Chapman, Karen B.
Morin, Gregg B.
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linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                               US 08/846,017
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Pred. No. 3.
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                                                                      SEQUENCE DESCRIPTION: SEQ ID NO: 62: US-09-961-077-62
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Query Match 1.0%; Score 13.8; DB 1; Best Local Similarity 76.5%; Pred. No. 3.2e+02; Matches 13; Conservative 2; Mismatches 2;
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                                                                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
APPLICATION NUMBER: 08/300,726
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 90071-2066
COMPUTER READABLE FO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATION OF GENE EXPRESSION
                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1520 AAAAAAAAAAAAGTAAA 1536
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity
                                                                                                         LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richar
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                    TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 219/247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
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10. US20030014775A1
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Young, Scott A.
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Merlo, Donald J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Guo, Lining
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Suite 4700
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                                                                                                                                                                                                                                                                                                                       Richard J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.8; DB 1;
Pred. No. 3.2e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                     32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Owens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DOS 5.0
                                   Length 17;
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   Indels
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 Gaps
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     0
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RESULT 584
US-09-780-533A-1126/c
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Best Local Similarity
Thes 7; Conserve
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US-09-780-533A-58
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US-09-780-533A-953
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McMaiggen, Jim
APPLICANT: McMaiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haeberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBHB00, 878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 953, Application US/09780533A

Publication No. US20030060611A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Chowrira, Bharat
APPLICANT: Haeberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBHB00,878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
CURRENT FILING DATE: 2001-02-09
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                                                                                                                                                                                                 Query Match 1.0%; Score 13.8; DB 1; Length 17; Best Local Similarity 35.3%; Pred. No. 3.2e+02; Matches 6; Conservative 9; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                       LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-780-533A-953
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ORGANISM: Homo sapiens
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41.2%; Pred. No. 3.2e+02;
ative 8; Mismatches 2; Indels
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1845
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; ORGANISM: Homo sapiens
US-09-780-533A-1126
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Sequence 2137, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 1.0%; Score 13.8; DB 1; Best Local Similarity 88.2%; Pred. No. 3.2e+02; Matches 15; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Chowrira, Bharat
APPLICANT: Haeberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBHB00, 978-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR APPLICATION DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
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APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Chowrira, Bharat
APPLICANT: Haeberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE MHB00,878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-01
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ribozyme Pharmaceuticals, Inc
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GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim

APPLICANT: McSwiggen, Jim

APPLICANT: Chowrira, Bharat

APPLICANT: Haeberli, Pete

FILE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene

FILE REFERENCE: MBH800, 878-A (400/011)

CURRENT APPLICATION NUMBER: US/09/780,533A

CURRENT APPLICATION NUMBER: US/09/780,533A

CURRENT APPLICATION NUMBER: US/09/780

PRIOR APPLICATION NUMBER: US/09/780

SOFTWARE: Patentin version 3.0

SOFTWARE: Patentin version 3.0

LENGTH: 17
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US-09-927-046-104/c
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US-09-780-533A-2461/c
                                      APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Mcthod and Reagent for th
TITLE OF INVENTION: Channel-1
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Best Local !
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Best Local Similarity 88.2%;
Matches 15; Conservative
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CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR PILING DATE: 2000-02-11
PRIOR PILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
CURRENT APPLICATION NUMBER: US/09/927,046
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TYPE: RNA
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Pred. No. 3.2e+02;
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                                                                     Inhibition of Calcium
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-104
                                                                                 ; OTHER INFORMATION: oligonucleotide substrate US-09-740-332-2048
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
CURRENT FILE MSHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEO ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2356
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patentin version 3.0
SEQ ID NO 2048
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2048, Application US/09740332
Publication No. US20030125270A1
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                                                                                                                                                                           LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
                                                                                                                       NAME/KEY: misc_feature
LOCATION:
                                                                                                                                                           FEATURE:
   y Match 1.0%; Score 13.8; DB 1; Local Similarity 88.2%; Pred. No. 3.2e+02; hes 15; Conservative 0; Mismatches 2;
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les 15; Conservative
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Pred. No. 3.2e+02;
1; Mismatches 2;
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       Indels
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GENERAL INFORMATION:

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RESULT 593
US-09-817-879-2509
; Sequence 2509, Application US/09817879
; Publication No. US20030171311A1
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US-09-817-879-2048/c
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                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2048
LENGTH: 17
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APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection

FILE REFERENCE: RPI 400/003

CURRENT APPLICATION NUMBER: US/09/740,332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: PatentIn version 3.0
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Publication No. US20030125270A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 2509
LENGTH: 17
                                                                                                                                                                                             Matches
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Best Local
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                                                                                                                                                                                                                                                                                                             ORGANISM: artificial sequence FEATURE: FEATURE: NAME/KEY: misc_feature LOCATION:
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                                                                                                                                                                                                                                                                                         OTHER INFORMATION: oligonucleotide substrate
                                                                                                                                                                                                                                                                                                                                                                                            TYPE: RNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
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Local Similarity 88.2%;
es 15; Conservation
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Pred. No. 3.2e
1; Mismatches
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Pred. No. 3.2e+02;
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APPLICANT: Smith, Thomas F.
APPLICANT: Wold, Arlo
APPLICANT: Ush, Jim
APPLICANT: Espy, Mark J.
TITLE OF INVENTION: Detection of Herpes Simplex Virus
FILE REFERENCE: 07039-246001
CURRENT APPLICATION NUMBER: US/10/066,432
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: US 60/265,376
PRIOR FILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                         US-10-208-357-23
             Sequence 23, Application US/10208357
Publication No. US20020182687A1
GENERRAL INFORMATION:
APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/10066432 Publication No. US20020164586A1 GENERAL INFORMATION:
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Best Local
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CURRENT FILING DATE: 2001-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
CURRENT APPLICATION NUMBER: US/10/208,357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 9703
                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: oligonucleotide substrate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION:
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                                                                                                                                                                                                                                                                                         468 CGGGGCGCGCGCTGAC 484
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Pred. No. 3.2e+02;
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Pred. No. 3
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1.2e+02;
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; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-23
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SEQ ID NO 23
LENGTH: 17
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PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEO ID NOS: 26
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ORGANISM: Artificial Sequence
FEATURE:
INFORMATION
                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/053,758
FILING DATE: 18-Jan-2002
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/854,050
FILING DATE: 09-MAY-1997
FILING DATE: 09-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Andrews, William H.
TITLE OF INVENTION: No. US20030032075A1el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                          APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-0CT-1996
ATTORNEY/AGENT INFORMATION:
                                                        NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
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                                                                                                                                                                                                           APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-WAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: San Francisco
STATE: California
                  TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/10053758
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
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Pred. No. 3.
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RESULT 597
US-10-054-295-132/c
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US-10-054-295-132
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                                                                                                                                               INFORMATION FOR SEQ ID NO: 132:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION
                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/854,050
APILING DATE: «Unknown»
APPLICATION NUMBER: US 08/846,017
APPLICATION NUMBER: US 08/844,419
APPLICATION NUMBER: US 08/844,419
APPLICATION NUMBER: US 08/724,643
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION UDATA: 12.07/054,295 FILING DATE: 18-Jan-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 53
PRIOR APPLICATION DATA:
                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Andrews, William H. TITLE OF INVENTION: No. US20030044953Alel Telomerase
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                       LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                TELEPHONE: (415) 576-02
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                             NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                        STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: Two Embarcadero Center,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/10054295
                       DESCRIPTION:
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Morin, Gregg B.
Harley, Calvin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Cech, Thomas R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  United States of America
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                   SEQ ID NO: 132:
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Pred. No. 3.2e+02;
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Query Match

1.0%; Score 13.8;

DB 1;

Length 17;

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US-10-054-611-132/c
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Publication No. US20030045698A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 132, Application US/10 Publication No. US20030059787A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/250,075
PRIOR FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mancharan, Muthiah
APPLICANT: Maier, Ph.D., Martin A.
TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back
TITLE OF INVENTION: Oligomeric Compounds
FILE REPERENCE: ISIS-5039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/117,267
CURRENT FILING DATE: 2002-04-05
PRIOR APPLICATION NUMBER: 09/726,096
PRIOR FILING DATE: 2000-11-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION:. (1)..(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
OTHER INFORMATION: internucleoside linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Synthetic Construct
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            / Match 1.0%;
Local Similarity 88.2%;
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diek
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                              Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030059787Alel Telomerase
NUMBER OF SEQUENCES: 225
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                                                                                                                                     CITY: San Francisco
STATE: California
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                                                                                                             COUNTRY: United States of America
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
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Pred. No. 3.2
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                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/060,895A
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 437, Appublication No.
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TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE 10
FILE REFERENCE: PB0158
                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
                                              PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/315,984
PRIOR FILING DATE: 2001-08-30
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SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US01/00668 PRIOR FILING DATE: 2001-01-30
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FILING DATE: «Unknown»
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-196
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                  APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
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APPLICATION NUMBER: US/10/054,611
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Similarity 88.2%; Pred. No. 3.
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CLASSIFICATION: 536
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TELEFAX: (415) 5
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    Sequence Listing Engine
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FILE OF INVENTION. INVENTION OF THE REFERENCE; PBOLS8

CURRENT APPLICATION NUMBER: US/10/060,895A

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-08-30

NUMBER OF SEQ ID NOS: 1682

SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 439

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-060-895A-439
                                                                                                                                                               RESULT 602
US-10-060-895A-440
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-437
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                                                                                         Sequence 440, Application US/10060895A Publication No. US20030104403A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 437
LENGTH: 17
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Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                    Matches
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APPLICANT: Zhang, Jian
APPLICANT: Gu, Yizhong
APPLICANT: Nguyen, Cung-Tuong
TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: NGUYEN, CUNG-TUONG
TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE 10
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Local Similarity 88.2%;
e8 15; Conservarion
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o. US20030104403A1
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Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                                                                                                          Score 13.8; DB 1;
Pred. No. 3.2e+02;
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 501
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-501
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US-10-156-306-501/c
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Best Local Similarity
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CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PRIOR DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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                                                                                Matches
                                                                                                                    Query Match
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 8013
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IOR FILING DATE: 2001-01-30
IOR APPLICATION NUMBER: PCT/US01/00670
IOR APPLICATION NUMBER: PCT/US01/00670
IOR APPLICATION NUMBER: US 09/864,761
IOR APPLICATION NUMBER: US 60/315,984
IOR APPLICATION NUMBER: US 60/315,984
IOR FILING DATE: 2001-08-30
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                             1527 AAAAAGTAAAAGGGAAG
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17 AAAAAGTAAAATGTAAG
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                                                                                                      Similarity
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Pred. No. 3.2e+02
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Pred. No. 3.
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Mismatches 2
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RESULT 604 US-10-156-306-517/c ; Sequence 517, Application US/10156306 ; Publication No. US20030119017A1

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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 517
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-517
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US-10-156-306-519/c
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TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-518
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-519
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Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH801-664A, (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ 1D NOS: 8013

SOFTWARE: PatentIn version 3.0

SEQ ID NO 518
                                                                                                                                                                                                                                                                                           Sequence 519, Application US/10156306 Publication No. US20030119017A1 GENERAL INFORMATION:
                                                                           APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 519
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les 15; Conserv
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Pred. No. 3.2e+02;
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Pred. No. 3.
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                                                                                                          ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2676
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Best Local S
Matches 15
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FILE REFERENCE: 400/057 (MBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO1283
                                                                                                                                                              NUMBER OF SEQ ID NOS: 4666
SOFTWARE: Patentin version 3.0
SEQ ID NO 2676
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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                                       Matches
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level:
FILE REFERENCE: 400/057 (MBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
FRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2001-09-10
PRIOR FILING DATE: 2001-09-10
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Pred. No. 3.
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Pred. No. 3
                                                       Score 13.8; DB 1;
Pred. No. 3.2e+02;
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RESULT 610
US-10-230-006-181
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; ORGANISM: Homo sapiens
US-10-238-700-2801
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US-10-230-006-800
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Sequence 800, Application US/10230006
Publication No. US20030191077A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Fosnaugh, Kathy
APPLICANT: MCSwiggen, Jim
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDITIONS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Rosnaugh, Kathy
APPLICANT: Fosnaugh, Kathy
APPLICANT: Fosnaugh, Kathy
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDI
FILE REFERENCE: 400/056 (MBHB01-1110)
CURRENT APPLICATION NUMBER: US/10/230,006
CURRENT APPLICATION NUMBER: US/10/230,006
CURRENT APPLICATION NUMBER: US 60/315,315
PRIOR ED IN ONS: 2678
SOPTWARE: Patentin version 3.0
SOPTWARE: Patentin version 3.0
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (WBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEO ID NOS: 4666
SOFTWARE: Patentin version 3.0
SEQ ID NO 2801
                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 3.2e+02;
Matches 5; Conservative 10; Mismatches 2; Indels
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TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
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Pred. No. 3.2e+02;
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FILE REFERENCE: 400/056 (MBHB01-1110)
CURRENT APPLICATION NUMBER: US/10/230,006
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 2678
SOFTWARE: PatentIn version 3.0
SEQ ID NO 800
LENGTH: 17
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-800
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-734
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US-10-138-674-734/c
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                                                                                                                                                                                                                                                                                                                                                                                    RESULT 613
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 735
LENGTH: 17
                                                                                                                                                                                                                                                                                               Sequence 735, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local Similarity 29.4%;
Matches 5; Conservative 1
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
                                                                                                                                                                                      APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
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                                                                                                                                                                                                                                                                             APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1514 ТТААТТАААААААААА 1530
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o. US20040077565A1
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Pred. No. 3.2e+02
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Pred. No. 3
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Sequence 736, Application US/10138674

Publication No. US30040077565A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT FILLNG DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: Patentin version 3.0

SEQ ID NO 736
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; ORGANISM: Homo sapiens
US-10-138-674-735
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US-10-138-674-736/c
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US-10-138-674-1074/c
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Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions in TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTMADER DEFORMET: TITLE OF DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTMADER DEFORMET: MSTONEY TOTAL T
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Matches
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SEQ ID NO 1074
LENGTH: 17
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Best Local Similarity 88.2%;
Matches 15; Conservative
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ORGANISM: Homo sapiens
-10-138-674-736
                                                                                                                                                                                                     ORGANISM: Homo sapiens
-10-138-674-1074
                                                                                                                                                                                                                                                                     TYPE: RNA
                                        Local Similarity 88.2%; hes 15; Conservative
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      1516 AATTAAAAAAAAAAAAA 1532
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Pred. No. 3.2e
0; Mismatches
                                                                Score 13.8; DI
Pred. No. 3.2e-
0; Mismatches
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Pred. No. 3.2e+02;
0; Mismatches 2;
                                                                       3.2e+02;
ches 2;
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                                                                                                                                 DB 1;
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US-10-138-674-5599/c
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US-10-138-674-4306
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: Pavco, Pam

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Beschedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (40/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 4306
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Bscobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT FILING DATE: 0002-05-03
NUMBER OF SEQ ID NOS: 2002-05-03
NUMBER OF SEQ ID NOS: 2002-05-03
NUMBER OF SEQ ID NOS: 2002-05-03
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3608
Sequence 5599, Application US/10138674 Publication No. US20040077565A1 GENERAL INFORMATION:
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Publication No. US20040077565A1
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ORGANISM: Mus musculus
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Similarity 58.8%;
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11.8%; Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-5599
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Sequence 734, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McGwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stockedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Method and Re
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TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
TITLE OF INVENTION: Secondary Structure
FILE REPERENCE: 2003309-0028
CURRENT FILING DATE: 2002112-18
CURRENT FILING DATE: 2002-112-18
NUMBER OF SEQ ID NOS: 33
SOFTMARE: Patentin Ver. 2.1
SEQ ID NO 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 16, Application US/10324409B Publication No. US20040086880A1
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Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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hes 15; Conservative
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Stinchcomb, Dam
Stando, Jaime
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-735
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; ORGANISM: Homo sapiens
US-10-287-949A-734
                                                             ; ORGANISM: Homo sapiens US-10-287-949A-736
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                                                                                                                                     APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: Pavco, Pam
APPLICANT: Stinchcomb, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOPTWARE: Patentin version 3.0
SEQ ID NO 736
                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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APPLICANT: Bavco, pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTMARE: PatentIn version 3.0
Query Match
Best Local Similarity
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                                                                                                 LENGTH: 17
TYPE: RNA
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Similarity 88.2%;
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Pred. No. 3
Score 13.8; DB 1;
Pred. No. 3.2e+02;
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ravco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NO.1074

SEQ ID NO.1074

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-287-949A-1074
RESULT 625
US-10-287-949A-4306
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APPLICANT: Revol, Pam
APPLICANT: Pavco, Pam
APPLICANT: Stinchcomb, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Secobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Reactor Receptor
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Jim
APPLICANT: Diseases or Conditions Re
TITLE OF INVENTION: Jim
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TITLE OF INVENTION: Jim
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases Reagent for Treatment for
                                                                                                                                                                                                                                                                                              Query Match 1.0%;
Best Local Similarity 11.8%;
Matches 2; Conservative 1
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Publication No. US20040102389A1
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Pred. No. 3.2e+02;
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TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 2082-2
SOFTWARE: Patentin version 3.0
SEQ ID NO 4306
                                                                                                                                        Sequence 2299, Application US/10712672 Publication No. US20040102413A1 GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Chowrira, Bharat
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
FILE REFERENCE: MBHB00-882-C (400/019)
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
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TYPE: RNA
ORGANISM: Homo sapiens
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TYPE: RNA
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58.8%; Pred. No. 3.20
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PRIOR APPLICATION NUMBER: US/9/653,225
PRIOR FILING DATE: 2000-08-31
PRIOR APPLICATION NUMBER: 60/197,769
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/150,713
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 5586
SOFTWARE: Patentin version 3.0
SEQ ID NO 2299
LENGTH: 17
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US-10-712-672-2681
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; ORGANISM: Homo sapiens
US-10-712-672-2299
                                                                                                                                                            US-10-669-841-4641/c
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                                                                                               Sequence 4641, Application US/10669841 Publication No. US20040127446A1 GENERAL INFORMATION:
                                       GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics,
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
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ORGANISM: Homo sapiens
-10-712-672-2681
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APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
FILE REFERENCE: MHHB00-882-C (400/019)
CURRENT APPLICATION NUMBER: US/10/712,672
CURRENT FILING DATE: 2003-11-13
PRIOR APPLICATION NUMBER: US/09/653,225
PRIOR FILING DATE: 2000-08-31
PRIOR FILING DATE: 2000-08-31
PRIOR APPLICATION NUMBER: 60/197,769
PRIOR FILING DATE: 2000-04-14
PRIOR FILING DATE: 1999-08-31
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APPLICANT: Chowrira, Bharat
APPLICANT: McSwiggen, Jim
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CURRENT FILING DATE: 2003-11-13
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David,
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ilarity 82.4%;
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  Morrissey
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Pred. No. 3.2e
3; Mismatches
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1; Mismatches
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3.2e+02;
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PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR FILING DATE: 2001-12-05
PRIOR FILING DATE: 2001-12-05
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APPLICANT: Dennis, MacSwiggen
APPLICANT: David, Morrissey
APPLICANT: David, Morrissey
APPLICANT: Patrice, Lee
APPLICANT: Patrice, Lee
APPLICANT: Riisabeth, Draper
APPLICANT: Kenneth, Draper
APPLICANT: Kenneth, Draper
APPLICANT: Kisabeth, Roberts
APPLICANT: Wilsabeth, Roberts
APPLICANT: VIRUS REPLICATION
TITLE OF INVENTION: VIRUS REPLI
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APPLICANT:
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PRIOR FILING DATE: 2000-12-18
PRIOR RPPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Sirna Therapeutics, Inc APPLICANT: Lawrence, Blatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: OTHER INFORMATION: oligonucleotide substrate
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FILING DATE: 2002-03-11
APPLICATION NUMBER: US 09/817,879
FILING DATE: 2001-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/358,580 FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       958 CCCTCGCGCGGCCCCGG
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Pred. No. 3
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RESULT 631
US-10-723-361-2272/c
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Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: PINN, Sharron G.
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 16207 SOFTWARE: PatentIn version 3.0 SEQ ID NO 5102 LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: PB0105
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
                                                                                                                                                                                                                                                                                                                                                                                                                                                            PPLICANT:
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OTHER INFORMATION: Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: oligonucleotide substrate
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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OR FILING DATE: 2001-12-05
OR APPLICATION NUMBER: US 60/358,580
OR FILING DATE: 2002-02-20
OR APPLICATION NUMBER: US 60/363,124
OR APPLICATION NUMBER: US 09/817,879
OR APPLICATION NUMBER: US 09/817,879
OR APPLICATION NUMBER: US 09/817,879
OR FILING DATE: 2001-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                            APPLICATION NUMBER: GB 24263.6 FILING DATE: 2000-10-04 APPLICATION NUMBER: US 60/236,359
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                              APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 09/740,332 FILING DATE: 2000-12-18
                                                                                                                                                                        FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/335,059
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                                                              APPLICATION NUMBER: PCT/US01/00664
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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Pred. No. 3.2e+02
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PRIOR AFFLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00666
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; ORGANISM: Homo sapiens
US-10-723-361-2272
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US-10-723-361-9997/c
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                                                                                                                                         ; ORGANISM: Homo sapiens
US-10-723-361-9997
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Publication No. US20040137589A1
                                                             Matches
                                                                                                                                                                                                                        SEQ ID NO 9997
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Best Local (
                                                                                                Query Match
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APPLICANT:
APPLICANT:
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: SHANNON, MAYK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                   TYPE: DNA
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                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30
1029 GACGCAGAGTGGGCGGC 1045
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                                                                                n 1.0%;
Similarity 88.2%;
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HANZEL, David
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                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Yonggang
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Pred. No. 3.2e+02
                                                                                Score 13.8;
Pred. No. 3.
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                                                                                  .2e+02
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                                                                                                      DB 1;
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                                                                                                    Length 17;
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GACGCAGTGTGGGCGAC 1

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Sequence 28, Application US/10735592

Publication No. US20040171571A1

GENERAL INFORMATION:
APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01

CURRENT APPLICATION NUMBER: US/10/735,592

CURRENT FILING DATE: 2003-12-11

NUMBER OF SEQ ID NOS: 69

SOFTWARE: PatentIn version 3.2

SEQ ID NO 28

LENGTH: 17
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                                                                                                    US-10-735-592-29/c
Sequence 29, Application US/10735592
Publication No. US20040171571A1
GENERAL INFORMATION:
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US-10-735-592-28/c
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; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-28
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US-10-735-592-8/c
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APPLICANT: Joerg, Vollmer
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.2
SEQ ID NO 8
LENGTH: 17
LENGTH: 17
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                      Query Match
APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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hes 15; Conserv
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Pred. No. 3.2e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                               Score 13.8; DB 1;
Pred. No. 3.2e+02;
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; OTHER INFORMATION: Synthetic oligonucleotide US-10-735-592-49
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US-10-735-592-49/c
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US-10-735-592-30/c
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                                                                                                                                                              APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods
FILE REPERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 49
                                                                                                                                                                                                                                                                                                                                  Sequence 49, Application US/10735592 Publication No. US20040171571A1 GENERAL INFORMATION:
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SEQ ID NO 29
LENGTH: 17
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Best Local :
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
                                                                                      LENGTH: 17
TYPE: DNA
ORGANISM: Artificial
FEATURE:
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TYPE: DNA
ORGANISM: Artificial
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial FEATURE:
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Local Similarity 88.2%;
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
Score 13.8; DB 1;
Pred. No. 3.2e+02;
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publication No. US20040067197A1
GENERAL INFORMATION:
APPLICANT: LECLERC, Guy
APPLICANT: MARTEL, R,mi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 55
LENGTH: 17
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CURRENT APPLICATION NUMBER: US/09/775,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 09/318,106
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: 08/756,728
                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                             PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: MARTEL, R,mi
TITLE OF INVENTION: RADIOLABELED DNA CARRIER, METHOD OF
TITLE OF INVENTION: RADIOLABELED DNA CARRIER, METHOD OI
TITLE OF INVENTION: THERAPEUTIC USES THEREOF
                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
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Pred. No. 3.4e
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APPLICANT: Effertz, Roger J.

APPLICANT: Hauge, Brian M.

TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A

CURRENT APPLICATION NUMBER: US/99/969,373

CURRENT FILING DATE: 2001-10-02

PRIOR APPLICATION NUMBER: US 09/754,853

PRIOR FILING DATE: 2001-01-05

PRIOR APPLICATION NUMBER: US 09/760,427

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768
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APPLICANT: Hood, L
APPLICANT: Rowen,
APPLICANT: Koop, B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 716, Application Patent No. US20020150891A1
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                                                                                                      TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 18
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Glycine max
                                                                                                                                                             NAME: McMasters, David D.
REGISTON NUMBER: 33,963
REFERENCE DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/263,959
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
STRANDEDNESS: 51.
                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 05-MAR
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Similarity 88.2%;
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Pred. No. 3
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APPLICANT: Neilen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Buchardt, Ole
APPLICANT: Christensen, Lei
APPLICANT: Coull, James M.
APPLICANT: Kiely, John
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 7
                                  SOFTWARE: PatentIn version 3.1
SEQ ID NO 33
LENGTH: 18
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Publication No.
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Best Local Similarity
Matches 15; Conser
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APPLICANT: Roth, Ma
APPLICANT: Lizardi,
APPLICANT: Feng, Li
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TITLE OF INVENTION: Binary Encoded Sequence Tags
FILE REFERENCE: AGL 100
CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR PILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                        -10-188-404-33/c
                                                                                     CURRENT APPLICATION NUMBER: US/10/188,404
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/275,951
PRIOR FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR PILING DATE: 1997-04-23
NUMBER OF SEQ ID NOS: 69
                                                                                                                                                                                                                 APPLICANT: Kiely, John
APPLICANT: Griffith, Michael
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS5042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18
TYPE: DNA
ORGANIAM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
ORGANISM: Artificial Sequence
                  TYPE: DNA
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Buchardt, Ole
Dueholm, Kim L.
Christensen, Leif
Coull, James M.
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Lizardi, Paul M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Feng, Li
                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/10188404
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Pred. No. 3.4e+02;
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Pred. No. 3.4e+02;
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Sequence 1222, Application US/10005956

Publication No. US20030113726A1

GENERAL INFORMATION:
APPLICAUT: Bristol-Myers Squibb Company
ITILE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP
CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/251,015

PRIOR APPLICATION NUMBER: 60/263,678

PRIOR APPLICATION NUMBER: 60/263,678

PRIOR APPLICATION NUMBER: 60/273,037

PRIOR APPLICATION NUMBER: 60/273,037

PRIOR FILING DATE: 2001-01-23

PRIOR FILING DATE: 2001-03-02

NUMBER OF SEQ ID NOS: 1579

SOFTWARE: Patentin version 3.0
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; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
; OTHER INFORMATION: Amino Hexanoic Acid, Lysine Linkage
US-10-188-404-33
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SEQ ID NO 1222
LENGTH: 18
TYPE: DNA
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LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: OHNO, Koulchi
APPLICANT: LEVIN, Brandi A.
TITLE OF INVENTION: HIGH EFFICIENCY TISSUE SPECIFIC COMPOUND
TITLE OF INVENTION: DELIVERY SYSTEM USING STREPTAVIDIN-PROTEIN A FUSION PROTEIN
FILE REFERENCE: 5986/11123-US1
CURRENT APPLICATION NUMBER: US/10/289,921
CURRENT FILING DATE: 2003-02-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 08/566,421
PRIOR FILING DATE: 1955-11-30
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE: OTHER INFORMATION: oligonucleotide primer DES designed to modify the OTHER INFORMATION: RYD sequence of the streptavidin gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic construct FEATURE:
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LOCATION: (9)..(10)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    520 GGGGCGCGTGCGTAACG 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17 GGGGCGCTTTCGTAACG 1
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Pred. No. 3.4e+02;
0; Mismatches 2
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Pred. No. 3.4e+02;
0; Mismatches 2;
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Sequence 45, Application US/10765500

Publication No. US20040137501A1

GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
ITILE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
FILE REFERENCE: RTSP-0100
CURRENT APPLICATION NUMBER: US/10/765,500
CURRENT FILING DATE: 2004-01-26
PRIOR APPLICATION NUMBER: US/09/763,748
PRIOR FILING DATE: 2001-02-27
PRIOR FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 09/143,212
PRIOR FILING DATE: 1908-08-28
NUMBER OF SEQ ID NOS: 87

SEQ ID NO 45
LENGTH: 18
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US-10-765-500-45
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-70
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                                                             US-10-765-500-45
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APPLICANT: INOKO, Hi
APPLICANT: KAGIYA,
APPLICANT: ICHIHARA
APPLICANT: Matsumur
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CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 70
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local Similarity
                   Query Match
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APPLICANT: Matsumura, Yoshiyuki
APPLICANT: MORIYA, Shogo
APPLICANT: NISHIDA, Michio
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140P1174
                                                                            FEATURE:
OTHER INFORMATION: Synthetic
                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                            TYPE: DNA
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Local Similarity 88.2%;
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1.0%;
88.2%;
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Pred. No. 3.
Score 13.8; DB 1;
Pred. No. 3.4e+02;
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                   Length 18;
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PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 2699
                                                                            ; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2699
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CURRENT FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 09/390,425
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 09/035,706
PRIOR APPLICATION NUMBER: 09/035,706
PRIOR APPLICATION NUMBER: 08/955,841
PRIOR APPLICATION NUMBER: 08/955,841
PRIOR FILING DATE: 1997-10-21
PRIOR FILING DATE: 1997-10-21
                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2699, Application US/09969373 Patent No. US20020133852A1 GENERAL INFORMATION:
   Query Match 1.0%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local (
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LENGTH: 19
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APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10 (52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 97
SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 08/752,345
PRIOR FILING DATE: 1996-11-19
PRIOR APPLICATION NUMBER: 60/009,074
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1995-12-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: INTEGRIN-LINKED KINASE FILE REFERENCE: KINEOOLCIP4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   507 TGAACGCCAGGCTGGGG 523
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al Similarity 88.2%;
15; Conservation
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Yee, Arthur
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   Score 13.8; D
Pred. No. 3.6e
0; Mismatches
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Pred. No. 3
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3.6e+02;
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                                         DB 1;
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APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
ITITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 2478
LENGTH: 19
RESULT 652
US-10-071-179-105
, Sequence 105, Application US/10071179
                                                                                                                                                                                                                                                              ; FEATURE:
; OTHER INFORMATION: Synthetic US-09-864-426A-2478
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                                                                                                                                                                  1.0%;
Best Local Similarity 88.2%;
Matches 15; Conservarivo
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CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2478
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Third wave Technologies
APPLICANT: Ma Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
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Best Local Similarity 88.2%;
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TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Third Wave Technologies APPLICANT: Allwai, Hatim
                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Synthetic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                           1551 GTCACCCAGAATGCCAG 1567
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Pred. No. 3.6e+02;
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RESULT 654 US-10-126-704-105

; Sequence 105, Application US/10126704 ; Publication No. US20030170647A1 ; GENERAL INFORMATION:

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CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR APPLICATION NUMBER: 60/263,037
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NP
                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.0
SEQ ID NO 52
LENGTH: 19
TYPE: DNA
ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 52, Appublication No.
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SEQ ID NO 105
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TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REFERENCE: GENSET.031A
CURRENT APPLICATION NUMBER: US/10/071,179
CURRENT FILING DATE: 2002-02-07
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/345,882
PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-30
PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-30
PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,315
PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-30
PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-10
PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 5-129-144.mis1
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                           Local Similarity hes 15; Conserv
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Local Similarity 88.2%;
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                                          913 AAAATTTAACGGTGATC 929
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1 AATATTTAACGCTGATC 17
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                                                                                           Conservative
                                                                                                               1.0%;
88.2%;
                                                                                      Score 13.8; DB 1;
Pred. No. 3.6e+02;
0; Mismatches 2
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Pred. No. 3.6e+02;
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; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2478
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TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REFERENCE: 44. US-5. DIV
CURRENT APPLICATION NUMBER: US/10/126,704
CURRENT FILING DATE: 2002-04-20
PRIOR APPLICATION NUMBER: US 60/091,315
PRIOR APPLICATION NUMBER: US 60/091,315
PRIOR APPLICATION NUMBER: US 60/111,909
PRIOR APPLICATION NUMBER: US 60/111,909
PRIOR APPLICATION NUMBER: US 60/111,909
PRIOR FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patent.pm
                                                                                                                        PILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOPTWARE: PatentIn version 3.1
SEQ ID NO 2478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2478, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
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                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: potential microsequencing oligo for 5-129-144.mis1
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NAME/KEY: primer_bind
LOCATION: 1..19
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Argue, Brad T
Bartholomay, Christian
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Skrzypczynski, Zbigniew
Takova, Tsetska Y.
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Curtis, Michelle L.
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Olson-Munoz, Marilyn C.
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Ji, Lin
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1, Jeff G.
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Pred. No. 3.6e+02;
0; Mismatches 2
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APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT APPLICATION NUMBER: US/10/665,951
FRIOR APPLICATION NUMBER: US 10/664,668
PRIOR APPLICATION NUMBER: US 03/05022
PRIOR APPLICATION NUMBER: US 60/393,348
PRIOR FILING DATE: 2003-09-18
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/393,348
PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Biallelic markers for use in constructing a high de FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-11-23
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-6332 for SEQ 1779,
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ORGANISM: Homo Sapiens
FEATURE:
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FILING DATE:
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o. US20040138163A1
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Pred. No. 3
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Pred. No. 3.6e+02;
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR PPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - Sevenation Section 10 NOS: 2455
SOPTWARE: Patentin version 3.2
SEQ ID NO 842
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR PPLICATION NUMBER: US 60/399,348
PRIOR PILING DATE: 2002-07-9
PRIOR PPLICATION NUMBER: US 60/393,796
PRIOR PPLICATION NUMBER: US 60/393,796
PRIOR PPLICATION NUMBER: US 10/287,949
PRIOR PPLICATION NUMBER: US 10/287,949
PRIOR PILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
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PRIOR APPLICATION NUMBER: DS 10/306,747
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Best Local Similarity
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TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Recept
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/111 (MBHB02-742-F)
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ORGANISM: Artificial Sequence
FEATURE:
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(CR APPLICATION NUMBER: US 10/306,747

(CR APPLICATION NUMBER: DCT/US 02/17674

(CR FILING DATE: 2002-05-29

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(CR FILING DATE: 2002-02-20

(CR FILING DATE: 2002-02-20

(CR FILING DATE: 2002-03-11

(CR APPLICATION NUMBER: US 60/363,124

(CR APPLICATION NUMBER: US 60/363,782

(CR APPLICATION NUMBER: US 60/386,782

(CR APPLICATION NUMBER: US 60/386,782

(CR APPLICATION NUMBER: US 60/386,782

(CR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/358,580 FILING DATE: 2002-02-20
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Search completed: November Job time : 13 secs
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Best Local (
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                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
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82.4%; Pred
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                                                                                                 Score 13.8; DB 1;
Pred. No. 3.6e+02;
1; Mismatches 2;
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